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FEEDING STUFFS REPORT

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**FOR THE YEAR
1949**

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Commonwealth of Pennsylvania

HON. JAMES H. DUFF, Governor

Department of Agriculture

HON. MILES HORST, Secretary

Harrisburg

Pennsylvania Department of Agriculture
Bureau of Foods and Chemistry

MILES HORST
Secretary

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Deputy Secretary

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Feeding Stuffs Report

1949

Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1948, 665 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 657 were selected for analysis.

Each and every feeding stuff sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1949 there were 192 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only, for a fee of \$1.00 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1949 was 948.

The 756 official samples analyzed were registered by 203 manufacturers and represented 21 classes and 701 brands as follows:

<i>Classes</i>	<i>Samples</i>
Alfalfa Meal	8
Animal By-Products	9
Calf Concentrates	3
Calf Feed	7
Chop Feed	11
Dairy Concentrates	30
Dairy Feed	150
Dried Beet Pulp	2
Horse and Stock Feed	14
Maize By-Products	3
Mash Feed	351
Milk Products	4
Miscellaneous Feed	1
Oil Cake By-Products	5
Poultry Concentrates	9
Scratch Feed	7
Small Animal Feed	46
Swine Concentrates	16
Swine Feed	73
Wheat Offal	6
Mineral Feed	1
Total	756

Brands Registered

Each brand of feeding stuffs is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each	\$ 5.00
Over 150 tons to 300 tons, each	10.00
Over 300 tons to 500 tons, each	15.00
Over 500 tons, each	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5.00 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1949 sales, 6,909 brands of feeding stuffs were registered and 1,485 licenses were issued to 1,107 manufacturers.

Conclusions

Of the 756 official samples analyzed, 76 or 10.05 per cent were deficient in protein or fat and contained fiber in excess of the tolerances provided, 21 samples or 2.77 per cent were found deficient in protein, 39 or 5.16 per cent deficient in fat, and 19 or 2.51 per cent exceeded guarantees for fiber.

The consumer of a feeding stuffs purchases the products under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE 1--CLASSIFICATION SHOWING AVERAGE ANALYSIS AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	FAT -PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Alfalfa Meal	8	5	8	18.89	2.63	24.19	46.38	---	---	---
Flour Meal	1	1	1	72.56	1.26	0.43	151.00	1	---	---
Meat and Bone Scrap	6	5	6	49.88	11.71	1.74	111.62	1	---	---
Steamed Bone Meal	1	1	1	9.94	1.64	4.40	---	---	---	---
Tankage	1	1	1	57.31	4.98	0.84	116.50	---	---	---
Calf Concentrates	3	2	3	28.77	3.69	5.32	120.33	---	---	---
Calf Feed	7	7	7	17.63	3.72	7.25	90.09	1	---	---
Chop Feed	11	11	11	10.25	3.68	7.14	68.66	1	---	---
Dairy Concentrates	30	28	30	33.54	3.78	7.14	83.10	3	6	---
Dairy Feed	150	137	150	20.08	3.81	8.31	73.33	2	13	2
Dried Beet Pulp	2	2	2	8.59	0.93	17.67	57.50	---	---	---
Horse and Stock Feed	14	14	14	14.43	4.09	7.18	71.08	---	1	1
Corn Gluten Feed	1	1	1	25.81	3.28	6.06	73.00	---	---	---
Hominy Feed	2	2	2	10.99	6.09	2.37	62.50	---	---	---
Mash Feed	351	328	351	21.11	4.10	6.01	87.92	3	6	9
Dried Buttermilk	1	1	0	8.15	1.87	---	---	---	---	---
Dried Skimmed Milk	3	2	3	33.85	0.98	0.12	260.00	---	---	---
Miscellaneous Feed	1	1	1	11.31	0.80	8.45	---	1	1	---
Coconut Oil Meal	1	1	1	1.68	0.80	4.67	---	---	---	---
Cottonseed Oil Meal	1	1	1	39.94	5.04	13.90	73.00	---	---	---
Soybean Oil Meal	3	3	3	48.83	1.85	5.22	79.67	---	---	---
Poultry Concentrates	9	8	9	35.16	4.09	8.55	110.28	---	---	---
Scratch Feed	7	7	7	10.30	3.17	2.74	75.77	1	---	---
Small Animal Feed	46	39	40	15.79	5.06	1.01	---	3	6	1
Swine Concentrates	16	14	16	39.51	3.79	6.31	98.71	---	3	1
Swine Feed	73	72	73	17.32	4.04	6.51	79.61	2	2	5
Wheat Bran	2	2	2	13.84	3.19	8.01	74.00	1	---	---
Wheat Middlings	4	4	4	13.72	3.74	3.96	71.00	1	1	---
Mineral Feed	1	1	1	---	---	---	---	---	---	---
TOTAL	756	701	749	----	----	----	----	21	39	19

Key to Table II Showing Analyses of Official Samples

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and sub-headings:

ALFALFA MEAL

ANIMAL BY-PRODUCTS, including Blood Meal, Meat and Bone Scrap, Steamed Bone Meal, Tankage.

CALF CONCENTRATES

CALF FEED

CHOP FEED

DAIRY CONCENTRATES

DAIRY FEED

DRIED BEET PULP

HORSE AND STOCK FEED

MAIZE BY-PRODUCTS, including Corn Gluten Feed, Hominy Feed.

MASH FEED

MILK PRODUCTS, including Dried Buttermilk, Dried Skimmed Milk.

MISCELLANEOUS FEED

OIL CAKE BY-PRODUCTS, including Coconut Oil Meal, Cottonseed Oil Meal, Soybean Oil Meal

POULTRY CONCENTRATES

SCRATCH FEED

SMALL ANIMAL FEED

SWINE CONCENTRATES

SWINE FEED

WHEAT OFFAL, including Wheat Bran, Wheat Middlings.

MINERAL FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>ALFALFA MEAL</u>							
GREEN ACRE FARMS Nazareth, Pa.							
Green Acre's Brand 1% Dehydrated Alfalfa Meal (761)	19.31	17.00	2.85	2.00	23.36	27.00	-----
Green Acre's Brand 1% Dehydrated Alfalfa Meal (762)	19.50	17.00	2.97	2.00	20.12	27.00	-----
Green Acre's Brand 1% Dehydrated Alfalfa Meal (763)	20.13	17.00	2.77	2.00	22.52	27.00	-----
KAW DEHYDRATING COMPANY Topeka, Kansas							
Dehydrated Alfalfa Meal (653)	17.88	17.00	2.24	1.50	23.26	27.00	-----
MEADOW BROOK FARMS Nazareth, Pa.							
Meadow Brook Farms Dehydrated Alfalfa Meal 15% (765)	15.63	15.00	2.19	2.00	28.72	31.00	-----
Meadow Brook Farms Dehydrated Alfalfa Meal 1% (764)	19.88	17.00	2.46	2.00	26.31	28.00	-----
Meadow Brook Farms Dehydrated Alfalfa Meal 1% (766)	20.56	17.00	2.69	2.00	23.21	27.00	-----
TREXLER FARMS Allentown, Pa.							
Buffelo Brand 1% Dehydrated Alfalfa Meal (771)	18.19	17.00	2.83	2.00	26.04	27.00	-----
Average	18.89	----	2.63	----	24.19	----	
<u>ANIMAL BY-PRODUCTS</u>							
<u>Blood Meal</u>							
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Blood Meal (78)	*72.56	80.00	1.26	0.50	0.43	1.00	-----
Average	72.56	----	1.26	----	0.43	----	
<u>Meat and Bone Scrap</u>							
BAUGH & SONS COMPANY Philadelphia, Pa.							
Baugh's Duplex Meat & Bone Scrap (646)	52.50	55.00	8.92	3.00	2.18	3.00	-----
GEO. LAMPARTER'S SONS Lancaster, Pa.							
Red Rosa Meat Scrap (74)	*46.94	50.00	6.59	5.00	1.89	2.00	-----
MAURER MANUFACTURING COMPANY Newark, N. J.							
Quality Meat & Bone Scrap 50% (101)	48.00	50.00	8.92	6.00	1.34	3.00	-----
A. F. REES, INC. Hanover, Pa.							
Reas' Meat & Bone Scrap (379)	54.50	50.00	17.34	10.00	2.07	2.25	-----
Reas' Meat & Bone Scrap (380)	48.44	50.00	19.81	10.00	1.18	2.25	-----
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's 50% Beef Scrap (76)	48.88	50.00	8.67	6.00	1.79	3.00	-----
Average	49.88	----	11.71	----	1.74	----	

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Steamed Bone Meal</u>							
THE ATLANTIC SUPPLY COMPANY Baltimore, Md.							
Atlantic Steamed Bone Meal (778)	9.94	2.50	1.64	2.00	4.40	2.00	-----
Average	9.94	----	1.64	----	4.40	----	
<u>Tankage</u>							
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's 60% Digester Tankage (77)	57.31	60.00	4.98	5.00	0.84	4.00	-----
Average	57.31	----	4.98	----	0.84	----	
<u>CALF CONCENTRATES</u>							
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix Calf Concentrate with Methio-Vite (50)	29.38	26.00	2.97	2.50	5.69	7.00	-----
Master Mix Calf Concentrate with Methio-Vite (220)	29.06	26.00	3.79	2.50	4.80	7.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.							
P. F. B. Calf Pellets (129)	27.88	25.00	4.32	3.00	5.46	7.00	-----
Average	28.77	----	3.69	----	5.32	----	
<u>CALF FEED</u>							
CHESTER COUNTY MILLS, INC. West Chester, Pa.							
Celf Grow-Rite & Fitting Ration with Cod Liver Oil (159)	14.56	12.00	4.16	3.60	8.63	8.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.							
G.L.F. Penne. Celf Grower (322)	15.44	14.00	3.98	3.50	7.10	8.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rose Complete Calf Grower (195)	16.06	14.00	3.14	3.00	7.48	8.00	-----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B B Calf Sterter Ration (329)	21.94	18.50	3.22	3.50	6.79	8.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
A-1 Celf Meal (463)	23.13	19.50	4.68	3.80	8.11	9.00	-----
PRIMEX MILLS Glenside, Pa.							
Primex Sweetone (301)	*12.69	16.00	3.04	3.00	7.47	7.00	-----
TIOGA MILLS, INC. Waverly, N. Y.							
Tioga Calf Ration (495)	19.56	20.00	3.81	3.00	5.20	7.00	-----
Average	17.63	----	3.72	----	7.25	----	
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>CHOP FEED</u>								
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Mixed Chop	(540)	*7.44	9.00	3.00	3.00	10.83	11.00	-----
BENTON ROLLER MILLS Benton, Pa.								
Corn & Oats Chop	(507)	10.00	10.00	3.31	3.50	3.56	9.00	-----
W. S. CROCK & SONS Nicholson, Pa.								
Pure Corn & Oat Chop	(574)	10.94	10.00	3.69	3.50	4.36	6.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Coarse Cracked Corn	(770)	9.31	7.50	3.88	2.50	1.74	2.50	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Red Rose Steel Cut Corn	(683)	9.00	8.00	3.42	3.00	1.66	4.00	-----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's Corn & Oats Chop	(680)	8.88	8.00	3.17	3.00	7.03	8.00	-----
LA CROSSE MILLING COMPANY Cochrane, Wis.								
Pulverized White Oats	(201)	11.13	11.00	3.88	4.00	13.72	12.75	-----
MARTINSBURG MILLING COMPANY, INC. Martinsburg, Pa.								
Corn & Oats Chop	(543)	12.25	11.00	4.74	4.00	8.19	9.00	-----
Mixed Chop	(547)	9.75	9.00	3.76	3.00	8.85	12.00	-----
C. C. REPLOGLE Woodbury, Pa.								
Replogle's Mixed Chop	(557)	12.69	8.00	3.21	2.50	6.86	9.00	-----
THORPE & BAKER COMPANY Carbondale, Pa.								
Thor-Bak No. 1 Feed	(725)	11.31	9.00	4.44	3.50	5.90	8.00	-----
Average		10.25	----	3.68	----	6.61	----	
<u>DAIRY CONCENTRATES</u>								
R. S. ALTMAN Irwin, Pa.								
Altman's 32% Dairy Concentrate	(374)	*27.19	32.00	3.98	4.00	6.84	10.00	-----
D. G. BAMFORD MILLING COMPANY Midway, Pa.								
Bamford 32% Mixing Ration	(198)	33.94	32.00	*2.01	4.00	7.07	11.00	-----
BERKS COUNTY COOPERATIVE ASSN. Temple, Pa.								
Cow Feed 32%	(70)	35.06	32.00	4.22	3.00	9.64	10.00	-----
S. S. BUCKWALTER, INC. Spring City, Pa.								
Buckwalter's 32% Dairy Concentrate	(251)	34.38	32.00	*2.12	3.00	6.82	7.00	-----
CHESTER COUNTY MILLS, INC. West Chester, Pa.								
Cream Rite Dairy Ration 32%	(152)	35.56	32.00	4.24	3.00	7.32	9.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CITY FLOURING MILLS, INC. Muncy, Pa.							
Muncy 32% Deiry (526)	30.50	32.00	4.98	4.00	9.37	11.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.							
G.L.F. 30% Dairy Supplement (344)	32.69	30.00	4.46	3.00	6.74	9.00	-----
CUMBERLAND VALLEY COOPERATIVE ASSN. Mechanicsburg, Pa.							
Old Reliable 32% Deiry Concentrate (189)	32.19	32.00	4.24	3.50	9.28	10.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
32% Supplement (206)	33.50	32.00	4.03	4.00	5.82	8.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rosa 32 Mixing Retion (756)	32.31	32.00	4.36	3.50	6.59	9.00	-----
FLORY MILLING COMPANY Bangor, Pa.							
Flory 32% Deiry Mixing Feed (357)	*28.88	32.00	3.56	3.50	6.02	7.00	-----
GENERAL MILLS, INCORPORATED Detroit, Mich.							
Larro 32% Deiry Concentrate (85)	36.00	32.00	3.12	3.00	7.67	11.00	-----
HANOVER FEED, FUEL & SUPPLY Hanover, Pa.							
Pride of tha Flock 32% Deiry Concentrete (230)	*29.38	32.00	3.88	1.50	7.32	7.00	-----
HARPER FEED MILLS, INCORPORATED Washington, Pa.							
Harco Nutri-Rich Concentrata for Dairy (649)	35.81	36.00	4.36	2.25	5.46	8.50	-----
D. E. HORN & COMPANY York, Pa.							
Horn's Diamond 32% Dairy Supplement (242)	35.00	32.00	4.13	4.00	6.68	10.00	-----
F. W. HUTCRISON & COMPANY New Cestle, Pa.							
Hutchison 33% Dairy Feed (446)	35.44	33.00	3.71	3.50	7.06	8.50	-----
KEEBLER'S FEED & FARM SUPPLIES Montoursville, Pa.							
Keabler's 32% Dairy Feed (525)	30.50	32.00	4.08	3.50	7.39	9.00	-----
MCMILLEN FEED MILLS Fort Weyna, Ind.							
Master Blend Dairy Concentrate (215)	34.31	33.00	1.80	2.00	5.34	9.00	-----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSN. Souderton, Pa.							
P.F.B. 32% Milkmaker (306)	33.31	32.00	5.43	4.00	10.20	10.00	-----
MUNDIS MILLS, INCORPORATED York, Pa.							
Mundis 32% Dairy Feed (145)	34.06	32.00	3.69	3.50	6.50	7.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.							
P.F.B. 32% Dairy (255)	33.69	32.00	4.62	3.00	6.94	11.00	-----
P.F.B. 32% Milkmaker (126)	37.06	32.00	4.22	3.00	7.08	10.00	-----
P.F.B. 32% Milkmaker (252)	34.63	32.00	*2.93	3.50	8.24	10.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.							
Pine Run 32% Dairy Feed (92)	35.06	32.00	4.73	3.00	7.81	9.00	-----
RASLTON PURINA COMPANY St. Louis, Mo.							
Purina Cow Chow Concentrate (64)	34.81	32.00	4.23	2.00	4.89	9.00	-----
ROARING CREEK MILL Catawissa, Pa.							
Milk-Well 30% Dairy (17)	31.81	30.00	5.06	3.50	7.55	12.00	-----
ROUX FEED MILLS, INC. Sharon, Pa.							
Roux Blue Ribbon 32% Dairy (742)	36.81	32.00	*2.30	3.00	6.38	12.00	-----
P. O. SUNDAY Carlisle, Pa.							
Cumberland 34% Dairy (186)	36.00	34.00	*3.34	5.00	6.82	12.00	-----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Dairy Supplement (123)	35.31	32.00	*1.40	3.50	6.18	10.00	-----
ZEIGLER BROTHERS Gettysburg, Pa.							
Conewago 32% Dairy Feed (136)	30.94	32.00	4.09	4.00	7.16	9.00	-----
Average	33.54	----	3.78	----	7.14	----	
<u>DAIRY FEED</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Sugarine 20% Dairy Feed (420)	20.00	20.00	4.61	3.00	7.78	12.00	-----
R. S. ALTMAN Irwin, Pa.							
Altman's 20% Dairy Ration (113)	21.81	20.00	2.74	3.00	7.59	12.00	-----
Altman's 20% Dairy Ration (375)	20.25	20.00	3.33	3.00	7.04	12.00	-----
A. J. BALSHI Catawissa, Pa.							
Milk-Well 18% Dairy (12)	19.31	18.00	4.81	3.50	7.91	12.00	-----
D. G. BAMFORD MILLING COMPANY Midway, Pa.							
Bamford's 24% Dairy Feed (200)	24.13	24.00	3.23	3.50	8.00	11.00	-----
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling 20% Dairy Feed (541)	20.56	20.00	3.11	3.00	9.41	9.00	-----
C. D. BELL & SON Hop Bottom, Pa.							
C. D. Bell's Cow Feed (572)	22.44	18.00	4.54	3.00	8.30	11.00	-----
BERKS COUNTY COOPERATIVE ASSN. Temple, Pa.							
16% Cow Feed (72)	19.06	16.00	3.47	3.00	7.74	10.00	-----
BEST FEEDS & FARM SUPPLIES, INC. Washington, Pa.							
Best Feeds 16% Dairy (424)	14.56	16.00	2.91	2.50	9.42	14.00	-----
Top-Profit 20% Dairy Ration (404)	24.75	20.00	3.73	3.50	4.93	10.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BROWN & FASSETT Tunkhannock, Pa.								
B & F Fitting Ration	(276)	14.81	12.00	4.09	3.50	9.59	10.00	-----
B & F Twenty Special Dairy Feed	(275)	19.38	20.00	4.24	4.00	7.98	10.00	-----
S. S. BUCKWALTER, INC. Spring City, Pa.								
Buckwalter's 16% Dairy Feed	(250)	19.75	16.00	3.21	3.00	7.71	11.00	-----
Buckwalter's 20% Dairy Feed	(249)	24.81	20.00	3.95	4.00	8.16	11.00	-----
Buckwalter's 24% Dairy Feed	(248)	25.88	24.00	*2.63	3.00	7.62	9.00	-----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Blue Ribbon 20% Dairy Feed	(7)	21.81	20.00	5.14	3.00	7.61	11.00	-----
CHESTER COUNTY MILLS, INC. West Chester, Pa.								
Cream Rita Dairy Ration 16%	(150)	17.44	16.00	3.57	2.30	11.27	12.00	-----
Cream Rita Dairy Ration 18%	(149)	20.38	18.00	4.06	2.90	6.52	8.00	-----
Paoli 24% Dairy Feed	(151)	26.00	24.00	4.47	2.90	8.78	8.00	-----
CITY FLOURING MILLS, INC. Muncy, Pa.								
Muncy 20% Dairy	(529)	20.50	20.00	4.21	4.00	6.01	11.00	-----
J. A. CLARK Shamokin, Pa.								
Clark's 24% Dairy Feed	(31)	27.06	24.00	3.64	3.00	5.54	10.00	-----
Clark's Fitting & Freshening Ration	(30)	17.00	14.00	3.10	3.00	9.40	12.00	-----
G. E. CONKEY COMPANY Cleveland, Ohio								
Conkeys 20% Dairy Feed	(669)	21.50	20.00	4.18	3.00	7.17	9.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.								
G.L.F. Exchange Dairy	(320)	19.31	20.00	4.19	3.50	7.04	9.00	-----
G.L.F. Exchange Dairy	(346)	22.94	20.00	4.59	3.50	6.66	9.00	-----
G.L.F. Super Exchange Dairy	(726)	22.56	20.00	4.55	4.50	7.11	9.50	-----
G.L.F. Super Test Feed	(326)	19.44	16.00	5.54	4.50	7.09	11.00	-----
G.L.F. Super Test Feed	(727)	18.69	16.00	4.19	4.50	6.61	11.00	-----
CUMBERLAND VALLEY COOPERATIVE ASSN. Mechanicsburg, Pa.								
Old Reliable 24% Dairy Feed	(190)	27.56	24.00	*3.42	4.00	10.39	12.00	-----
DIAMOND MILLING COMPANY New Brighton, Pa.								
Diamond 20% Dairy	(454)	24.00	20.00	3.09	3.00	8.72	11.00	-----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin 18% Dairy Feed	(106)	18.44	18.00	4.05	3.50	9.00	9.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Fitting Ration	(205)	17.88	14.00	3.63	3.00	7.29	9.00	-----
Fulpeil	(187)	21.69	20.00	4.09	3.50	6.42	8.50	-----
Milkmora	(188)	18.13	16.00	4.08	3.50	6.50	8.50	-----
Milkmora	(207)	17.94	16.00	4.03	3.50	6.24	8.50	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Challenge 24 Dairy Feed	(758)	25.38	24.00	4.41	3.50	9.87	11.00	-----
Eshelman Conestoga 20 Dairy	(760)	20.81	20.00	4.44	3.50	10.92	11.00	-----
Eshelman Pennsy 16 Dairy Feed	(755)	17.06	16.00	4.38	3.00	11.61	11.00	-----
Eshelman Red Rose 18 Dairy Feed	(237)	18.50	18.00	4.20	3.50	7.85	9.00	-----
Eshelman Red Rosa 24 Dairy Feed	(689)	25.00	24.00	4.56	3.50	4.46	11.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. N. EPPINGER & SON New Bedford, Pe.								
Eppinger's 20% Dairy Feed	(441)	24.94	20.00	2.98	2.00	6.40	12.00	-----
FACTORYVILLE MILLING COMPANY Factoryville, Pe.								
Mirecle 20% Dairy Ration	(287)	19.38	20.04	3.99	3.00	6.62	8.00	-----
FLORY MILLING COMPANY, INC. Bangor, Pe.								
Flory 20% Dairy Feed	(358)	23.06	20.00	3.69	3.50	8.24	9.50	-----
G & M MILLING COMPANY West Wyoming, Pa.								
G & M 20% Dairy Ration	(471)	19.69	20.00	5.22	3.50	7.17	9.00	-----
GENERAL MILLS, INCORPORATED Detroit, Mich.								
Larro 20% Dairy Feed	(83)	21.00	20.00	3.97	3.00	8.61	12.00	-----
Lerro 20% Dairy Feed	(659)	21.44	20.00	3.45	3.00	8.78	12.00	-----
THE GLIDDEN COMPANY Indianapolis, Ind.								
Glidden 20% Dairy Feed	(418)	23.69	20.00	2.78	3.00	6.42	9.00	-----
Glidden Fitting Ration	(417)	16.31	14.00	2.96	3.00	7.69	11.00	-----
W. M. GOLDEN & SON Springville, Pe.								
Dairy Feed	(290)	20.63	18.00	4.02	4.00	6.67	10.00	-----
S. H. GOSS Lewistown, Pe.								
Mt. Rock 16% Dairy Feed	(174)	15.44	16.00	3.48	3.00	11.00	10.00	-----
GREEN CREEK ROLLER MILLS Orangeville, Pe.								
Blue Ribbon 20% Dairy	(514)	*17.94	20.00	3.56	3.00	8.76	8.00	-----
RALES & HUNTER COMPANY Chicago, Ill.								
Pioneer 18 Dairy	(133)	21.44	18.00	4.80	3.50	6.49	9.00	-----
HARPER FEED MILLS, INCORPORATED Washington, Pe.								
Green Pasture 16% Dairy Ration	(408)	19.75	16.00	3.06	3.00	10.07	12.00	-----
Harco Test Cow Ration	(651)	19.75	18.00	3.68	3.50	7.41	10.00	-----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Ohio 16% Dairy Ration	(663)	17.81	16.00	4.31	3.00	*14.03	12.00	-----
Ohio 24% Dairy Ration	(662)	24.69	24.00	4.16	3.00	8.69	12.00	-----
Portage 20% Dairy Ration	(664)	23.56	20.00	5.08	3.00	10.89	12.00	-----
J. F. HOGSETT & SONS Uniontown, Pe.								
Hogsett's 16% Dairy Feed	(676)	17.38	16.00	2.73	3.00	10.42	12.00	-----
Hogsett's 20% Dairy Feed	(677)	20.25	20.00	*2.83	3.50	10.33	12.00	-----
Hogsett's 24% Dairy Feed	(678)	26.88	24.00	*2.93	4.00	8.36	12.00	-----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.								
Tru-Mix 20% Dairy Ration (Sweetened)	(271)	21.69	20.00	4.22	4.00	7.56	9.00	-----
Tru-Mix Fitting Ration	(272)	14.94	15.00	4.33	4.00	6.97	8.00	-----
D. E. HORN & COMPANY York, Pa.								
Horn's Diamond 18% Dairy Feed	(222)	21.63	18.00	4.54	3.50	8.56	10.00	-----
Horn's Diamond 18% Dairy Feed	(243)	21.31	18.00	4.68	3.50	7.14	10.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
E. J. HOUCK & SON Bangor, Pa.							
Eagle Brand Cow Feed (352)	18.69	18.00	4.57	5.00	7.06	9.25	-----
HUNTSINGER'S MILL Hegins, Pa.							
Quelity Deiry Ration (475)	19.25	20.00	4.41	4.00	8.81	9.00	-----
J. B. KELLEY Washingtonville, Pa.							
Kelley's Dairy Feed (501)	20.75	16.00	3.55	3.50	8.81	11.00	-----
KINTNER MILLING COMPANY Mehoopany, Pa.							
K M C O Fitting Ration (284)	16.94	12.00	4.22	3.00	6.64	8.00	-----
K M C O Super 20% Dairy Ration (283)	22.81	20.00	4.26	4.50	7.12	9.00	-----
K M C O Super 20% Dairy Ration (579)	20.44	20.00	4.37	4.50	6.97	9.00	-----
H. B. KRATZ & SONS Schwenksville, Pa.							
Ideel Dairy Feed (645)	22.97	20.00	*3.07	4.00	10.36	10.00	-----
KREIDER MILLS Lebanon, Pa.							
Kreider Mills Markitop 16% Deiry Feed (598)	17.63	16.00	3.78	1.50	7.30	12.50	-----
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.							
Parnell Dairy Feed (378)	19.44	18.00	3.94	3.50	5.82	9.00	-----
J. R. LEWIS Orson, Pa.							
J.R.L. Deiry Ration (569)	23.06	20.00	3.64	4.00	7.22	10.00	-----
MARITIME MILLING COMPANY, INC. Buffelo, N. Y.							
B B Dry & Fresh Cow Fitting Ration (330)	13.56	13.00	4.02	4.00	8.62	10.00	-----
B B "18" Test Cow Retion (731)	20.13	18.00	4.56	5.00	6.79	8.50	-----
Hi-Test Deiry Feed 20% Pro. (333)	21.06	20.00	3.42	3.50	11.12	12.00	-----
Hi-Test Deiry Feed 20% Pro. (730)	23.63	20.00	*3.02	3.50	8.99	12.00	-----
Marmico 16% Protein Dairy Feed with Molesses (335)	19.19	16.00	3.59	3.00	8.49	12.00	-----
MAUSER MILL COMPANY Palmerton, Pa.							
Meuser's Deiry Feed (364)	21.38	18.00	4.09	3.00	6.78	9.00	-----
Meuser's Markitop 24% Deiry Feed (365)	25.00	24.00	3.88	1.50	6.58	10.00	-----
MAUSER MILLING COMPANY Allentown, Pa.							
Meuser's Deiry Ration (79)	19.56	20.00	3.81	4.00	9.37	12.00	-----
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix 20% Deiry Feed (193)	22.00	20.00	2.86	3.00	6.90	9.00	-----
Master Mix 20% Dairy Feed (214)	21.88	20.00	2.93	3.00	7.12	9.00	-----
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa.							
Brandt's O.K. Markitop Dairy Balancer (192)	17.50	12.00	2.70	0.50	3.09	4.00	-----
MEYER MILLING COMPANY Lexington, Neb.							
Alfalfa Dairy Pellets (321)	15.94	15.00	1.93	1.00	26.86	30.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MIFFLINVILLE FLOUR MILL Mifflinville, Pa.								
Columbia 20% Dairy Feed	(520)	20.44	20.00	3.50	3.00	8.62	8.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
M-H Dairy Feed	(459)	22.38	18.00	4.25	4.00	6.39	9.00	-----
M-H Dairy Feed	(467)	20.31	20.00	4.02	4.00	7.30	9.00	-----
M-H Fitting Ration	(458)	16.00	12.00	3.96	3.60	9.61	9.00	-----
MOYER & SON Souderton, Pa.								
M & S Dairy Feed	(309)	22.19	19.50	3.71	3.00	9.63	10.50	-----
NYCE'S SUPPLY YARDS New Britain, Pa.								
Gilt Edge 16% Dairy Ration	(99)	20.38	16.00	3.30	3.00	8.30	10.00	-----
Gilt Edge 18% Dairy Ration	(98)	19.38	18.00	3.76	3.00	7.99	10.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION. INC. Harrisburg, Pa.								
P.F.B. 16% Dairy	(127)	18.94	16.00	3.19	3.50	11.52	12.00	-----
P.F.B. 16% Dairy	(256)	18.44	16.00	4.66	3.00	10.90	12.00	-----
P.F.B. Fitting Ration	(304)	14.81	14.00	4.02	3.50	6.42	10.00	-----
P.F.B. 16% Milk Maker	(257)	19.31	16.00	4.39	3.50	7.22	10.00	-----
P.F.B. 16% Milk Maker	(308)	16.38	16.00	4.22	3.50	7.63	10.00	-----
P.F.B. 20% Milk Maker	(253)	23.31	20.00	3.89	3.50	7.73	10.00	-----
P.F.B. 24% Milk Maker	(254)	27.94	24.00	3.69	3.50	7.37	10.00	-----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.								
Pine Run 18% Dairy	(93)	20.63	18.00	3.98	3.00	7.81	12.00	-----
PRIMEX MILLS Glenside, Pa.								
Primex Cow Feed	(299)	*13.56	20.00	*3.00	3.50	8.80	8.00	-----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Cash 20% Dairy Feed Fortified with Rich-Nu	(668)	21.19	20.00	3.84	3.00	11.85	15.00	-----
Richards Thrift 24% Dairy Feed Fortified with Rich-Nu	(733)	25.81	24.00	4.11	3.00	7.44	10.00	-----
J. S. RILEY & COMPANY New Castle, Pa.								
Pioneer 20% Dairy Feed	(449)	20.50	20.00	4.14	4.00	6.16	12.00	-----
ROBERTS FEED MILL Peckville, Pa.								
Rob Rose 20% Dairy Feed	(729)	19.06	20.00	*3.56	4.00	6.11	8.00	-----
ROUX FEED MILLS, INC. Sharon, Pa.								
Blue Ribbon Fitting Ration	(751)	21.06	14.00	3.00	3.00	6.23	10.00	-----
Roux Red Ribbon 16% Dairy	(743)	17.75	16.00	2.26	2.50	8.75	12.00	-----
Roux Red Ribbon 20% Dairy	(737)	25.88	20.00	*2.50	3.00	8.00	12.00	-----
Roux Red Ribbon 24% Dairy	(740)	27.38	24.00	*1.84	3.00	9.37	12.00	-----
Roux Test Cow Ration 20% Dairy Feed	(750)	22.00	20.00	*2.34	3.50	6.77	10.00	-----
I. B. SECRIST & SONS Millerstown, Pa.								
Secrist Markitop 16% Dairy Feed	(183)	15.25	16.00	3.39	1.50	6.80	12.50	-----
SHELLY BROTHERS Perkasie, Pa.								
Shelly Brothers Quality 20% Dairy Feed	(395)	21.81	20.00	4.38	4.00	8.22	9.00	-----
* Deficient								

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SKINNERS EDDY COOPERATIVE								
G.L.F. SERVICE, INC.								
Skinners Eddy, Pa.								
Fitting Ration	(280)	13.06	12.00	3.89	3.50	8.12	10.00	-----
18% Dairy	(279)	17.88	18.00	5.09	3.50	8.89	10.00	-----
SPENCER MILLING COMPANY								
Thompson, Pa.								
Spencer 18% Dairy	(286)	20.19	18.00	3.54	3.50	7.71	10.00	-----
SPRINGVILLE COOPERATIVE								
G.L.F. SERVICE, INC.								
Springville, Pa.								
Springville 14% Dairy	(571)	16.25	14.00	4.34	4.50	6.87	10.00	-----
STEARNS MILL								
Kingsley, Pa.								
Stearns Fitting Ration	(586)	14.00	12.00	3.50	3.00	7.48	10.00	-----
JESSE C. STEWART COMPANY								
Pittsburgh, Pa.								
Iron City 16% Dairy Feed	(61)	18.38	16.00	3.13	2.50	10.78	15.00	-----
Red Letter 20% Dairy Feed	(672)	21.38	20.00	*3.70	4.50	8.65	11.00	-----
EDWIN F. STOVER ESTATE								
Perkasie, Pa.								
Stover's 18% Dairy Feed	(390)	16.63	18.00	3.23	3.25	7.23	12.00	-----
P. O. SUNDAY								
Carlisle, Pa.								
Cumberland 16% Dairy	(185)	18.69	16.00	3.13	3.50	8.16	12.00	-----
SWINGLE BROTHERS								
Lake Ariel, Pa.								
Direct 20% Dairy Ration	(580)	22.88	20.00	4.11	3.50	7.39	10.00	-----
Special 20% Dairy Ration	(582)	23.25	20.00	4.12	4.00	6.23	9.00	-----
THORPE & BAKER COMPANY								
Carbondale, Pa.								
C-A Dairy Ration	(723)	20.56	20.00	4.38	4.00	7.02	10.00	-----
Dairyman's 18% Dairy	(724)	19.13	18.00	5.07	3.50	7.18	10.00	-----
THRIFT FEED MILLS, INC.								
Doylestown, Pa.								
Thriftee 18% Dairy	(317)	20.25	18.00	3.76	3.50	7.74	9.00	-----
Thriftee Fitting Ration	(91)	12.13	12.00	3.41	3.50	6.73	10.00	-----
Thriftee Fitting Ration	(316)	13.81	12.00	3.97	3.50	5.31	10.00	-----
TIOGA MILLS, INC.								
Waverly, N. Y.								
Tioga 24% Dairy Feed	(489)	26.06	24.00	4.47	4.00	7.57	10.00	-----
JACOB TRINLEY & SONS, INC.								
Linfield, Pa.								
Real 20% Dairy Feed	(111)	20.00	20.00	4.83	4.00	7.48	9.00	-----
Trinley's 16% Dairy Feed	(110)	18.13	16.00	3.71	3.00	10.69	11.00	-----
U. S. ALFALFA PRODUCTS COMPANY								
Verdon, Neb.								
Alfalfa Dairy Pellets	(319)	14.56	15.00	1.79	1.50	29.42	33.00	-----
VANDERVORT MILLS								
Laceyville, Pa.								
Vandervort's Fitting Ration	(588)	12.75	12.00	3.53	3.50	*11.94	10.50	-----
Vandervort's 24% Red Tag Dairy	(268)	23.56	24.00	4.45	4.00	8.80	8.00	-----
Vandervort's 20% Special Dairy	(269)	21.31	20.00	4.51	4.00	8.80	8.00	-----
Vandervort's 20% Special Dairy Ration	(587)	21.06	20.00	3.97	4.00	8.45	8.00	-----
* Deficient								

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WAYMART MILLING COMPANY Waymart, Pa.								
Way-Best 18% Dairy Ration	(567)	19.50	18.00	4.11	4.00	5.69	7.50	-----
Way-Best Fitting Ration	(566)	16.69	14.00	4.38	4.00	6.43	9.00	-----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
16% Dairy Feed	(125)	17.31	16.00	3.24	3.50	9.61	11.00	-----
24% Dairy Feed	(120)	23.56	24.00	*2.32	3.50	7.56	10.00	-----
C. P. WENGER & SONS Ephrata, Pa.								
Wenger's 16% Dairy Feed	(166)	18.19	16.00	5.12	4.00	10.88	12.00	-----
Wenger's 20% Dairy Feed	(165)	24.25	20.00	5.07	3.00	8.18	12.00	-----
Wenger's 24% Dairy Feed	(167)	27.44	24.00	3.31	3.00	9.47	12.00	-----
Wenger's Dry & Freshening Feed	(163)	21.19	18.00	3.68	3.00	9.07	12.00	-----
H. R. WENTZEL SONS Landisburg, Pa.								
20% Parry Dairy Feed	(181)	24.19	20.00	4.27	4.50	7.36	10.00	-----
32% Parry Dairy Feed	(180)	31.81	32.00	4.91	4.50	7.53	10.00	-----
C. E. WOOLEVER Catawissa, Pa.								
Millgrove Chief 18% Dairy Feed	(21)	20.69	18.00	3.52	3.00	6.63	9.50	-----
F. S. YOST'S SON Plaasant Vallay, Pa.								
Yost's 18% Dairy Feed	(627)	19.88	18.00	4.22	3.25	9.11	11.00	-----
ZEIGLER BROTHERS Gettysburg, Pa.								
Conewago 16% Dairy Ration	(137)	17.81	16.00	3.12	3.00	9.65	13.50	-----
Average		20.08	----	3.81	----	8.31	----	
<u>DRIED BEET PULP</u>								
JAMES RICHARDSON & SONS LTD. Toronto, Canada								
Plain Dried Beat Pulp	(355)	9.56	8.00	0.85	0.30	17.41	22.50	-----
WESSEL, DUVAL & COMPANY, INC. New York, N. Y.								
Dried Sugar Baat Pulp	(354)	7.63	8.00	1.01	0.50	17.93	22.00	-----
Averaga		8.59	----	0.93	----	17.67	----	
<u>HORSE AND STOCK FEED</u>								
CHESTER COUNTY MILLS, INC. West Chester, Pa.								
Reavy Grain Horse Feed	(153)	11.69	10.00	3.64	3.00	6.91	8.00	-----
J. A. CLARK Shamokin, Pa.								
Clark's Horse Feed	(34)	12.75	10.00	3.89	3.00	6.42	12.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.								
G.L.F. Horse Feed	(324)	12.63	9.00	4.18	3.50	7.12	9.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshalman's Red Rosa Horsa Feed	(690)	11.50	9.00	3.69	3.00	5.07	10.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GENERAL FOODS CORPORATION Battle Creek, Mich.								
Burts Cereal Feed	(328)	15.31	16.00	3.86	3.00	17.77	21.00	-----
W. M. GOLDEN & SON Springville, Pa.								
Stock Feed	(291)	15.50	13.00	4.50	3.50	6.97	12.00	-----
HARPER FEED MILLS, INC. Washington, Pa.								
Harco Horse Feed	(411)	11.69	9.50	4.13	2.50	5.62	10.00	-----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's Horse Feed	(681)	10.94	11.00	*3.62	4.50	6.02	7.00	-----
HUNTSINGER'S MILL Hegins, Pa.								
Quality Horse Feed	(477)	12.56	11.00	3.77	3.00	9.19	11.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
M-H Horse Feed	(460)	15.38	12.00	3.67	3.50	*10.37	8.00	-----
Superior Fattening Feed	(465)	13.81	12.00	5.76	4.00	5.03	6.00	-----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Steer Feed	(480)	13.56	10.00	3.56	3.00	5.69	12.00	-----
TIOGA MILLS, INC. Waverly, N. Y.								
Tioga Horse Feed	(496)	12.69	11.00	3.94	3.00	7.27	9.50	-----
C. P. WENGER & SONS Ephrata, Pa.								
Wenger's 32% Steer Feed	(164)	31.94	32.00	5.04	3.00	9.09	12.00	-----
Average		14.43	----	4.09	----	7.18	----	
<u>MAIZE BY-PRODUCTS</u>								
<u>Corn Gluten Feed</u>								
A. E. STALEY MANUFACTURING CO. Decatur, Ill.								
Staley's Corn Gluten Feed	(66)	25.81	23.00	3.28	1.50	6.06	8.00	-----
Average		25.81	----	3.28	----	6.06	----	
<u>Hominy Feed</u>								
LAUHOFF GRAIN COMPANY Danville, Ill.								
Vermilion Hominy Feed	(323)	11.06	9.00	6.94	5.00	4.58	6.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
Steam Cooked Hominy Feed	(466)	10.81	10.00	5.24	5.00	4.15	5.00	-----
Average		10.99	----	6.09	----	2.37	----	
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MASH FEED								
ABERDEEN MILLS Elizabethtown, Pa.								
Aberdeen Breeder Mash	(608)	22.75	20.00	4.32	3.50	6.46	8.00	-----
Aberdeen Broiler	(602)	21.25	20.00	4.03	3.05	4.19	6.00	-----
Aberdeen "Broiler Special"	(606)	21.44	21.00	4.75	5.00	2.39	3.00	-----
Aberdeen Broiler Starter	(607)	26.06	24.00	3.86	4.00	4.86	6.00	-----
Aberdeen Chick Starter	(603)	19.69	20.00	3.66	3.50	5.44	8.00	-----
Aberdeen Egg Mash	(605)	22.81	20.00	3.91	4.00	5.53	8.00	-----
Aberdeen Growing Mash	(604)	21.56	19.00	4.09	3.50	6.61	8.00	-----
Aberdeen Mills Turkey Starter Mash	(609)	26.13	24.00	4.41	3.00	7.29	8.00	-----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Broiler Feed	(26)	21.94	20.00	4.82	2.50	5.57	8.00	-----
Wayne Egg Mash	(422)	24.25	20.00	4.63	3.00	6.60	8.00	-----
R. S. ALTMAN Irwin, Pa.								
Altman's Buttermilk Growing Mash	(372)	17.50	17.00	4.11	3.00	5.73	9.00	-----
Altman's Buttermilk Growing Mash	(691)	19.00	17.00	3.23	3.00	5.67	9.00	-----
Altman's Buttermilk Starting & Broiler Mash	(654)	21.06	18.00	3.99	3.00	6.04	8.00	-----
Altman's Buttermilk Starting & Broiler Mash	(693)	20.56	18.00	3.72	3.00	7.31	8.00	-----
Altman's Fattening Mash	(116)	18.00	15.00	4.07	4.00	4.61	6.00	-----
Altman's Quality Egg Mash	(656)	21.13	20.00	3.74	3.00	6.76	9.00	-----
Altman's Quality Egg Mash	(692)	23.50	20.00	3.65	3.00	6.61	9.00	-----
Altman's Special Broiler	(658)	25.00	20.00	3.55	3.00	4.39	5.00	-----
Altman's Super A Egg Mash	(55)	24.00	24.00	4.09	3.50	5.57	8.00	-----
Altman's Super A Egg Mash	(371)	25.81	24.00	3.90	3.50	6.11	8.00	-----
Altman's Super A Egg Mash	(655)	25.25	24.00	3.92	3.50	6.73	8.00	-----
Altman's Super A Yeast Egg Mash	(114)	23.94	24.00	3.56	3.50	4.98	8.00	-----
Altman's Super A Yeast Egg Mash	(657)	24.56	24.00	4.04	3.50	7.32	8.00	-----
Altman's Super A Yeast Egg Mash	(694)	24.13	24.00	*2.95	3.50	7.24	8.00	-----
Altman's Yeast Starter & Broiler Ration (Super A)	(115)	22.50	18.00	3.69	3.00	5.76	8.00	-----
Altman's Yeast Starter & Broiler Ration (Super A)	(373)	20.38	18.00	4.02	3.00	5.41	8.00	-----
AQUEDUCT MILLS Bloomsburg, Pa.								
Aqueduct Quality Chick Starter	(23)	19.56	18.00	*3.33	4.00	6.53	7.50	-----
Aqueduct Quality Egg Mash	(24)	19.63	20.00	3.61	3.50	5.95	7.50	-----
HOKE BAIR Hanover, Pa.								
Bair Laying Mash	(231)	19.50	18.00	5.04	3.50	6.53	8.00	-----
A. J. BALSHI Catawissa, Pa.								
Must Lay Egg Mash	(14)	21.19	20.00	4.44	3.50	5.17	8.00	-----
D. G. BAMFORD MILLING COMPANY Midway, Pa.								
Bamford's Egg Mash with Yeast	(197)	22.06	20.00	3.58	4.00	6.80	8.00	-----
Bamford's Starting Mash with Yeast	(203)	22.31	19.00	3.81	4.00	6.54	7.00	-----
Peerless Egg Mash	(202)	22.00	20.00	3.69	4.00	7.35	8.00	-----
BARE MILLING COMPANY Rearing Spring, Pa.								
Sterling Laying Mash	(537)	20.50	20.00	3.79	3.50	6.02	7.00	-----
Sterling 18% Starter & Grower	(538)	17.81	18.00	4.13	3.50	4.33	6.50	-----
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.								
Beacon "18" Growing Mash	(560)	21.06	18.00	4.24	3.50	5.64	6.25	-----
C. D. BELL & SON Hop Bottom, Pa.								
C. D. Bell's Hen Mash	(573)	22.44	18.00	4.21	3.00	5.79	8.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BENTON ROLLER MILLS Benton, Pe.							
Mether Leying Mash (505)	19.44	18.00	4.92	3.00	6.18	8.00	-----
Mether Special Mesh Starter & Grower (504)	20.50	17.00	4.97	3.00	5.78	8.00	-----
BEST FEEDS & FARM SUPPLIES, INC. Washington, Pa.							
Best Feeds Layer (405)	*13.06	20.00	4.08	3.00	5.57	7.50	-----
Best Feeds Thrift Mash (425)	19.88	18.00	3.52	3.00	6.73	9.50	-----
Top Profit 20% Layer (423)	18.56	20.00	4.43	3.50	4.25	5.00	-----
Top Profit 26% Layer (402)	28.00	26.00	3.66	3.50	5.39	6.00	-----
Top Profit Pullet Developer (407)	21.56	20.00	4.09	3.00	*5.63	5.00	-----
Top Profit Starter-Broiler-Grower (403)	*16.31	20.00	4.34	3.00	3.23	5.00	-----
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.							
Pearson's All Mesh Starter (400)	18.00	17.00	3.38	3.50	5.51	7.00	-----
Pearson's Growing Mesh (401)	19.00	17.00	3.06	3.00	6.58	8.00	-----
Pearson's 20% Leying Mesh (399)	20.19	20.00	3.19	3.00	5.85	8.00	-----
BROWN & FASSETT Tunkhannock, Pe.							
B & F Favorite Dry Mash (277)	22.25	18.00	5.00	4.50	6.31	9.00	-----
B & F Growing Mash (278)	19.19	17.50	5.46	4.50	6.31	7.50	-----
BROWDALE FEED STORE Forest City, Pa.							
Browndale Growing Mesh (577)	21.75	20.00	4.52	4.00	6.57	7.50	-----
Browndale Layer Mash (575)	21.44	20.00	4.69	4.00	7.03	7.50	-----
Browndale Starter Mash (576)	26.75	26.00	5.21	4.50	*7.16	6.50	-----
S. S. BUCKWALTER, INC. Spring City, Pa.							
Buckwalter's Egg Mash (244)	23.25	20.00	*3.33	4.50	5.70	7.00	-----
Buckwalter's Growing Mash (246)	20.25	18.00	3.42	3.50	4.99	7.00	-----
Buckwalter's Starter Mash (247)	23.81	20.00	3.93	3.00	5.55	7.00	-----
Buckwalter's Starter & Broiler Mash (245)	23.56	22.00	4.38	3.00	3.88	5.00	-----
BUSHKILL MILLING COMPANY Easton, Pe.							
Bushkill Egg Mash (361)	18.63	20.00	3.39	1.50	7.11	7.00	-----
Bushkill Growing Mash (349)	21.00	16.00	4.32	2.50	5.61	7.00	-----
F. P. CASSEL'S SON Lensdale, Pa.							
Success Chick Mash Food (640)	16.69	15.00	4.35	4.00	5.43	9.00	-----
Thrift Egg Mash Food (641)	19.63	17.00	4.59	4.00	5.88	9.00	-----
CATAWISSA MILLING COMPANY Catawissa, Pe.							
Kernie's Growing Mesh (8)	20.19	18.00	5.01	4.50	7.15	7.00	-----
Kernie's Leying Mesh (9)	20.38	18.00	4.56	4.00	5.83	8.00	-----
CITY FLOURING MILLS, INC. Muncy, Pe.							
Muncy Growing Mesh (528)	15.63	17.00	4.78	4.00	6.30	7.00	-----
Muncy Leying Mesh (530)	16.31	17.00	5.53	4.00	5.78	7.00	-----
CHESTER COUNTY MILLS, INC. West Chester, Pe.							
Grow-Rite Growing Mesh (156)	17.31	18.00	4.35	4.30	6.98	7.00	-----
Lay-More Egg Mash (154)	21.88	20.00	4.33	4.00	7.53	7.50	-----
Pioneer Egg Mash (155)	20.50	18.00	4.46	3.50	7.03	8.00	-----
Start-Rite Chick Starter (157)	21.81	20.00	4.36	3.50	7.62	8.00	-----
J. A. CLARK Shemokin, Pa.							
Clerk's Chick Starter (33)	22.44	20.00	4.44	3.00	5.16	6.00	-----
Clerk's Laying Mash (32)	22.81	20.00	3.96	3.00	5.72	7.50	-----
Clerk's Special Starter & Broiler Retion (35)	22.69	20.00	5.46	4.00	2.54	3.50	-----
* Deficient							

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
G. E. CONKEY COMPANY Cleveland, Ohio							
Conkey's Y-O All Mesh Chick Ration (687)	19.13	17.00	4.38	3.50	6.68	7.00	-----
Conkey's Y-O Egg Mesh (686)	22.38	20.00	4.36	3.50	7.21	8.00	-----
Conkey's Y-O Grower (685)	22.63	18.00	4.38	3.50	7.34	7.00	-----
Conkey's Y-O Turkey Starter (688)	28.19	26.00	3.77	3.50	5.92	7.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.							
G.L.F. Chick Starter (325)	21.06	20.00	4.49	3.00	4.23	5.00	-----
G.L.F. Chick Starter (347)	21.06	20.00	4.46	3.00	4.36	5.00	-----
G.L.F. Growing Mesh (327)	22.38	20.00	4.03	3.00	6.76	8.00	-----
G.L.F. Growing Mesh (345)	23.00	20.00	4.78	3.00	6.65	8.00	-----
G.L.F. Laying Mesh (348)	21.63	20.00	4.21	3.00	5.79	7.50	-----
CRAWFORD BROS. INC. Walton, N. Y.							
Producer 20% (732)	23.50	20.00	5.33	4.00	10.81	10.00	-----
DARLINGTON MILLING COMPANY Darlington, Pa.							
Dermico Egg (447)	18.19	18.00	4.68	4.50	5.20	6.50	-----
DAVIS FEED MILL Rushland, Pa.							
Davis Laying Mash (313)	21.56	20.00	5.27	3.50	6.79	7.00	-----
Devis Starter Mash (314)	23.06	19.00	4.79	4.00	6.24	7.00	-----
DEWALD'S MILL Bloomsburg, Pa.							
Blue Ribbon Laying Mash (6)	21.50	20.00	5.39	3.50	6.51	7.00	-----
DeWeld's Blue Ribbon Starter & Grower (5)	21.06	16.00	5.02	3.00	5.54	8.00	-----
DIAMOND MILLING COMPANY New Brighton, Pa.							
Diamond Grower Mash (453)	17.69	16.00	3.71	2.50	5.88	7.00	-----
Diamond Leyer Mash (452)	22.00	20.00	3.08	2.50	6.24	7.00	-----
DUBLIN MILLING COMPANY Dublin, Pa.							
Dublin Laying Mash (104)	22.31	20.00	4.58	4.00	8.06	8.00	-----
Dublin Starting & Growing Mash (105)	22.00	20.00	4.76	4.00	7.58	8.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
All-Mash Producer (208)	17.13	15.50	3.70	3.00	5.07	6.00	-----
All-Mash Producer (534)	16.63	15.50	3.88	3.00	3.83	5.00	-----
Developer (210)	21.25	20.00	3.52	2.50	3.76	5.00	-----
Minuteman - WS (535)	22.81	20.00	3.62	3.00	4.44	5.50	-----
Pacemaker (103)	21.69	20.00	3.87	3.00	2.89	4.00	-----
Pacemaker (209)	22.13	20.00	4.11	3.00	2.74	4.00	-----
Producer (102)	20.69	20.00	4.00	3.00	5.76	6.50	-----
ELIZABETH MILLING COMPANY Elizabeth, Pa.							
Gilt Edge Ster* & Grower (52)	20.00	16.00	4.54	2.50	5.41	7.00	-----
H. N. EPPINGER & SON New Bedford, Pa.							
Eppinger's Laying Mash (439)	19.38	18.00	4.24	4.00	7.28	7.50	-----
Eppinger's Starting & Growing Mash (440)	18.69	17.00	4.30	4.00	6.71	7.50	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rose Broiler Ration (238)	23.63	20.00	4.02	3.50	5.09	7.50	-----
Eshelman Red Rose Chick Starter (239)	22.75	20.00	4.22	3.50	4.59	6.50	-----
Eshelman Red Rose Growing Mash (235)	22.13	18.00	3.98	3.50	5.42	7.50	-----
Eshelman Red Rose Laying Mash (236)	23.88	20.00	3.68	3.50	5.49	8.00	-----
Eshelman Red Rose Laying Mash (667)	21.31	20.00	4.27	3.50	6.02	8.00	-----
Eshelman Red Rose Starter & Grower (666)	20.13	18.00	4.44	3.50	5.61	7.00	-----
* Deficient							

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FACTORYVILLE MILLING COMPANY Factoryville, Pa.							
Mirecle 20% Laying Mash (288)	20.56	20.00	4.76	4.00	6.41	7.00	-----
FARMERS FEED & SUPPLY Greenville, Pa.							
Quality Pan-A-Min Chick Starter (753)	18.00	20.00	4.22	4.00	6.18	7.00	-----
Quality Pan-A-Min Egg Mash (754)	19.19	20.00	4.27	4.00	7.01	7.00	-----
Quality Pan-A-Min Growing Mesh (759)	17.75	17.00	4.75	4.00	7.70	7.00	-----
FARMERS THRIFT MILL OF DURHAM, INC. Durham, Pa.							
Riegel's Chick Starter (636)	22.94	20.00	4.42	2.50	4.79	7.00	-----
Riegel's Growing Mesh (633)	19.50	17.00	3.54	2.50	5.67	7.00	-----
Riegel's Hi-Quality Egg Mesh (634)	21.63	20.00	3.88	2.50	7.86	8.00	-----
D. A. FEDDER Orangeville, Pa.							
Fedder's Chick Starter (508)	22.56	20.00	3.72	2.50	6.26	7.00	-----
Fedder's Egg Mash (510)	21.19	20.00	3.61	2.50	5.70	7.00	-----
Fedder's Growing Mash (511)	19.19	17.00	3.91	2.50	5.34	7.00	-----
FEHNELS FEED & GRAIN SERVICE Bath, Pa.							
Fehnels Growing Mash (362)	17.06	16.00	3.62	2.50	7.18	7.00	-----
FLORY MILLING COMPANY, INC. Bengor, Pa.							
Flory HI N-er-G Layer Breeder Mash (359)	21.38	20.00	5.04	4.00	4.61	5.00	-----
Flory Turkey Breeder Mash (360)	22.56	22.00	4.84	3.50	4.65	7.50	-----
S. FOUGHT & SON Hughesville, Pa.							
Fought's Penn State Laying Mesh (532)	16.81	18.00	4.01	3.75	4.89	10.00	-----
FREED BROTHERS Liverpool, Pe.							
Freed's 20% Egg Mash (176)	21.13	20.00	4.87	4.00	5.65	7.00	-----
G & M MILLING COMPANY West Wyoming, Pe.							
G & M Chick Starter Mesh (470)	18.69	18.00	6.38	4.00	6.37	6.00	-----
G & M 20% Egg Mash (469)	18.69	20.00	5.82	4.00	7.48	7.50	-----
G & M Growing Mash (468)	19.13	18.00	5.92	4.00	7.16	7.00	-----
GENERAL MILLS, INC. Detroit, Mich.							
Larro Chick Builder (661)	20.38	20.00	3.92	3.50	4.71	7.00	-----
Lerro Egg Mesh (84)	22.25	20.00	3.89	3.50	5.79	8.00	-----
Lerro Egg Mash (660)	20.75	20.00	3.98	3.50	6.47	8.00	-----
S. H. GOSS Lewistown, Pa.							
Mt. Rock Poultry Mash (173)	19.56	18.00	3.88	3.00	6.12	10.00	-----
GREEN CREEK ROLLER MILLS Orangeville, Pe.							
Blue Ribbon Chick Starter (512)	19.00	18.00	*3.12	4.00	5.87	7.50	-----
Blue Ribbon Egg Mash (516)	19.38	19.00	3.05	3.00	7.45	7.00	-----
Blue Ribbon Growing Mash (513)	16.50	16.00	3.24	3.00	5.54	7.50	-----
GREENE COUNTY FARMERS EXCHANGE Weynesburg, Pe.							
Champion Quality Egg Mash (211)	20.06	18.00	3.96	3.50	7.83	9.00	-----
Champion Starting Mash (212)	20.63	18.00	4.41	4.00	7.61	8.00	-----
HALES & HUNTER COMPANY Chicago, Ill.							
Red Comb Broiler Mash (135)	22.63	20.00	4.67	3.00	5.16	7.00	-----
Red Comb Chick Starter (132)	22.38	20.00	3.70	3.00	4.77	6.00	-----
Red Comb Egg Mash (134)	21.31	20.00	3.76	3.00	5.86	7.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Gold Seal Egg Mash (37)	20.56	20.00	3.55	3.00	5.86	7.50	-----
Gold Seal Starter Mash (38)	22.50	18.00	3.66	3.50	6.99	7.50	-----
HANOVER FEED, FUEL & SUPPLY Hanover, Pa.							
Pride of the Flock Broiler Mash (229)	18.50	19.50	4.47	4.00	7.21	7.00	-----
Pride of the Flock Chick Starter (227)	20.81	22.00	4.87	4.00	6.24	7.00	-----
Pride of the Flock Grower (228)	20.56	18.00	4.80	3.50	5.88	7.00	-----
Pride of the Flock Layer Mash (226)	19.56	20.00	4.99	4.00	6.96	7.00	-----
HARPER FEED MILLS, INC. Washington, Pa.							
Harco Complete Starting & Growing Hation (410)	19.81	17.00	3.76	3.00	4.94	6.50	-----
Harco Complete Starting & Growing Hation (650)	20.81	17.00	4.00	3.00	5.77	6.50	-----
Harco Laying Mash (652)	21.06	20.00	3.62	3.00	5.81	7.50	-----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.							
Perfection Chick Starter (638)	19.63	18.00	3.52	2.00	6.44	7.00	-----
Perfection Egg Mash (637)	20.56	20.00	3.24	2.00	6.41	7.00	-----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio							
Sunshine Egg Mash with Dried Tomatoes (665)	18.06	18.00	3.82	3.00	8.72	9.00	-----
HESPENHEIDE & THOMPSON, INC. York, Pa.							
Premier Quality Starter-Grower (369)	21.44	20.00	4.00	3.00	5.62	7.00	-----
York Laying Mash (370)	20.81	20.00	3.27	3.00	5.82	8.00	-----
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett Growing Mash (675)	18.25	16.00	4.30	4.00	7.39	7.00	-----
Hogsett's Laying Mash (673)	19.38	18.00	4.63	4.00	7.61	7.00	-----
Hogsett's Starting Mash (679)	20.19	18.00	4.50	4.00	*7.34	6.00	-----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Starting & Growing Mash (273)	19.69	18.00	4.81	4.50	5.88	5.50	-----
D. E. HORN & COMPANY York, Pa.							
Horn's Diamond 20% Lay Mash (224)	22.75	20.00	3.68	3.00	7.42	7.00	-----
Horn's Diamond 20% Lay Mash (241)	24.69	20.00	4.06	3.00	7.16	7.00	-----
Horn's Diamond Layer-Breeder Mash (221)	23.13	22.00	4.00	3.00	7.00	7.00	-----
Horn's Diamond Starter-Grower Mash (223)	21.25	20.00	4.20	3.00	5.46	7.00	-----
Horn's Diamond Starter-Grower Mash (240)	22.44	20.00	4.39	3.00	6.41	7.00	-----
E. J. HOUCK & SON Bangor, Pa.							
Eagle Brand Laying Mash (351)	20.25	19.25	4.59	4.25	5.86	6.50	-----
HUNTSINGER'S MILL Hegins, Pa.							
Quality Egg Mash (473)	22.06	20.00	5.04	4.00	5.83	7.00	-----
Quality Starting Mash (476)	20.69	20.00	4.87	4.00	5.42	6.50	-----
F. W. HUTCHISON & COMPANY New Castle, Pa.							
Hutchison Egg Mash (445)	20.44	19.00	3.69	3.00	6.66	8.00	-----
KASCO MILLS, INC. Waverly, N. Y.							
Kasco Egg Producer (338)	23.63	20.00	3.71	3.00	5.44	7.50	-----
Kasco Egg Producer (482)	22.94	20.00	3.58	3.00	5.41	7.50	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KASHNER BROTHERS Danville, Pa.							
Green Diamond Chick Starter & Grower (39)	19.56	16.00	4.32	2.50	5.14	7.00	-----
Green Diamond Egg Mash (40)	19.56	18.00	4.01	2.50	5.93	7.00	-----
J. B. KELLEY Washingtonville, Pa.							
Kelley's Laying Mash (503)	17.38	17.00	5.63	3.50	7.72	10.00	-----
Kelley's Starter & Grower Mash (500)	18.19	17.00	4.46	3.50	5.07	10.00	-----
KINTNER MILLING COMPANY Mehoopany, Pa.							
K M C O Laying Mash (282)	22.25	20.00	3.60	4.00	6.01	7.00	-----
K M C O Laying Mash (578)	21.75	20.00	3.87	4.00	6.17	7.00	-----
H. B. KRATZ & SONS Schwenksville, Pa.							
Ideal Laying Mash (643)	20.94	20.00	4.04	4.00	5.47	8.00	-----
Ideal Starting & Growing Mash (644)	22.44	20.00	4.34	4.00	4.89	6.00	-----
KREIDER MILLS Lebanon, Pa.							
Kreider Mills Ultra-Lifed Broiler Mash (594)	21.13	19.50	4.26	3.50	5.47	6.50	-----
Kreider Mills Ultra-Lifed Growing Mash (595)	19.00	16.00	3.73	3.50	5.36	7.50	-----
Kreider Mills Ultra-Lifed 20% Laying Mash (592)	21.81	20.00	5.95	3.50	4.88	8.00	-----
Kreider Mills Ultra-Lifed Poultry Flushing Mash (596)	20.88	20.00	4.52	3.50	5.46	7.50	-----
Kreider Mills Ultra-Lifed Starting Mash (599)	20.31	18.00	4.42	3.50	4.86	7.00	-----
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.							
Parnell Egg Mash (377)	19.06	20.00	4.17	4.25	6.25	7.60	-----
A. F. LEIDY Delphi, Pa.							
Leidy's Chick Starter (648)	22.19	20.00	3.79	2.50	6.56	7.00	-----
Leidy's Growing Mash (647)	18.19	17.00	3.92	2.50	5.26	7.00	-----
J. R. LEWIS Orson, Pa.							
Orson Egg Mash (570)	21.31	20.00	2.78	2.00	5.82	7.00	-----
LIGHT STREET MILLING COMPANY Orangeville, Pa.							
Very Best Chick Starter (48)	21.06	18.00	3.94	2.50	5.74	7.00	-----
Very Best Egg Mash (46)	18.31	18.00	3.54	2.50	6.00	7.00	-----
Very Best Growing Mash (47)	17.94	16.00	3.66	2.50	6.04	7.00	-----
H. A. LONG SONS Liverpool, Pa.							
Long's Laying Mash (177)	*17.06	20.00	5.27	4.50	6.60	6.00	-----
Long's Red Top Starting Mash (178)	18.56	19.00	4.73	5.50	*5.78	5.00	-----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B-B Egg Mash (334)	24.44	20.00	3.08	3.00	4.91	8.00	-----
B-B MA-CO Broiler Ration (340)	23.19	22.00	4.36	3.00	2.86	3.90	-----
B-B MA-CO Egg Mash (331)	24.06	21.00	3.54	3.00	4.35	5.00	-----
B-B MA-CO Egg Mash (339)	23.88	21.00	3.58	3.00	3.45	5.00	-----
B-B MA-CO Complete Growing Ration (232)	21.94	18.00	4.17	3.00	3.73	5.00	-----
B-B MA-CO Complete Growing Ration (332)	21.81	18.00	4.25	3.00	3.24	5.00	-----
MARTINSBURG MILLING COMPANY, INC. Martinsburg, Pa.							
Champion Chick Starter (544)	23.13	20.00	4.32	2.50	6.50	7.00	-----
Champion 20% Egg Mash (545)	23.25	20.00	3.97	2.50	6.94	7.00	-----
Champion Starter & Grower (546)	22.69	16.00	4.95	2.50	6.59	7.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MAUSER MILLING COMPANY Allentown, Pa.								
Mauser 20% Egg Mash	(80)	19.63	20.00	4.86	4.00	7.09	8.00	-----
Mauser's 22% Laying Mash	(363)	22.63	22.00	4.71	3.50	5.86	8.00	-----
MCGOWAN FEED MILL New Castle, Pa.								
McGowan's A Grade Egg Mash	(438)	21.56	20.00	4.13	4.50	7.50	9.00	-----
McGowan's Starter & Grower Mash	(437)	20.38	18.00	4.52	5.00	*6.86	6.00	-----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Chick Starter with Methio-Vite	(54)	21.31	20.00	3.77	2.50	5.61	7.00	-----
Master Mix Growing Mash with Methio-Vite	(194)	19.63	17.00	3.69	2.50	6.01	7.00	-----
MIFFLINVILLE FLOUR MILL Mifflinville, Pa.								
Columbia Chick Starter	(519)	20.88	18.00	3.67	2.50	6.53	7.00	-----
Columbia Egg Mash	(517)	19.06	18.00	3.82	2.50	7.25	7.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
A-1 Chick Starter	(462)	19.56	19.00	5.14	4.00	8.07	8.00	-----
A-1 Growing Mash	(455)	21.63	17.50	5.12	3.30	7.73	10.00	-----
A-1 Laying Mash	(456)	23.19	20.00	5.21	3.50	7.54	10.00	-----
Pennant Egg Producer	(461)	21.94	16.00	5.20	2.50	7.87	10.00	-----
S. K. MINOR & SON Washington, Pa.								
Minor's Laying Mash	(415)	21.44	18.00	4.28	3.00	6.01	8.00	-----
Minor's Starter & Grower	(414)	20.69	17.00	4.29	3.00	5.67	8.00	-----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSN. Souderton, Pa.								
P.F.B. Starting & Growing Mash	(305)	21.13	20.00	4.10	3.50	6.71	8.00	-----
P.F.B. Super Laying Mash	(307)	23.19	20.00	4.16	3.50	7.26	8.00	-----
MOYER & SON Souderton, Pa.								
M & S Turkey Growing Mash	(312)	23.69	21.00	5.19	4.00	7.24	8.50	-----
Mash for Laying Hens	(311)	26.13	20.00	4.98	3.50	6.24	7.50	-----
Starter & Broiler Mash	(310)	23.00	20.00	4.98	3.50	5.96	8.50	-----
MUNDIS MILLS, INC. York, Pa.								
Gold Band Laying Mash	(147)	20.75	20.00	*3.51	4.00	8.75	8.00	-----
Mundis All Mash Starter & Grower	(148)	23.13	20.00	4.34	3.50	6.77	8.00	-----
Mundis Broiler Mash	(146)	23.06	24.00	3.67	4.00	5.94	6.00	-----
EDGAR W. MUTH Springtown, Pa.								
Muth's Egg Mash	(631)	21.00	20.00	4.68	3.50	4.91	8.00	-----
Muth's Growing Mash	(632)	20.06	18.00	4.57	4.00	4.78	7.00	-----
NYCE'S SUPPLY YARDS New Britain, Pa.								
Gilt Edge Growing Mash	(100)	20.63	18.00	3.97	3.00	8.06	7.50	-----
Gilt Edge Laying Mash	(97)	20.63	20.00	4.01	3.00	6.50	7.50	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.								
P.F.B. Broiler Maker	(128)	23.81	22.00	4.07	3.50	4.42	5.00	-----
P.F.B. Broiler Mash 20%	(267)	20.38	20.00	3.62	3.50	3.40	4.00	-----
P.F.B. Growing Mash	(130)	19.94	17.50	4.36	3.50	6.16	8.00	-----
P.F.B. Growing Mash	(263)	19.44	18.00	3.73	3.50	6.00	7.50	-----
P.F.B. Hi-Lo Starter	(71)	24.69	24.00	4.06	4.00	3.11	3.50	-----
P.F.B. Hi-Lo Starter	(266)	24.94	24.00	3.88	4.00	3.21	3.50	-----
P.F.B. Starting & Growing Mash	(262)	22.88	20.00	4.28	3.50	6.42	8.25	-----
P.F.B. Super Breeding Mash	(265)	22.75	20.00	3.99	3.50	6.82	8.50	-----
P.F.B. Super Laying Mash	(261)	22.13	20.00	3.50	3.50	7.10	8.50	-----
P.F.B. Turkey Growing Mash	(264)	23.50	20.00	4.07	3.50	7.18	8.25	-----
P.F.B. 28% Turkey Starting Mash	(260)	30.56	28.00	4.31	3.00	4.84	5.50	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PETERSBURG MILLING COMPANY Bessemer, Pa.							
Pemico Egg Mash (444)	20.75	20.00	3.88	2.50	5.81	7.00	-----
Pemico Starter & Grower (443)	19.63	16.00	4.18	2.50	5.27	7.00	-----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.							
Pine Run Egg Mash (95)	22.81	20.00	4.78	3.00	7.76	8.00	-----
Pine Run Starter & Grower (94)	20.13	17.00	4.81	4.50	*7.78	6.50	-----
PRIMEX MILLS Glenside, Pa.							
Primex Growing Mash (302)	18.69	18.00	4.22	3.00	*8.62	6.00	-----
THE QUAKER OATS COMPANY Chicago, Ill.							
Early Bird Fine Chick Feed (117)	10.44	10.00	3.20	2.00	1.57	3.50	-----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina Broiler Chow (67)	22.00	18.00	4.82	3.50	5.17	7.00	-----
Purina Chick Startena (65)	22.13	20.00	4.69	3.00	3.73	5.00	-----
RED ROLLER MILLS Bloomsburg, Pa.							
Beatsall Laying Mash (28)	17.88	18.00	4.22	3.50	6.17	7.00	-----
Beatsall Starter & Grower (27)	18.19	20.00	5.20	4.00	5.31	7.00	-----
W. A. REED COMPANY Paxinos, Pa.							
Shamrock Broiler Mash (41)	22.38	20.00	3.53	2.00	6.37	7.00	-----
Shamrock Chick Starter (45)	21.19	18.00	3.56	2.00	4.48	7.00	-----
Shamrock Growing Mash (42)	21.81	16.00	4.25	2.00	7.07	7.00	-----
Shamrock Laying Mash (43)	21.63	20.00	3.47	2.00	6.12	7.00	-----
REX GRAIN & MILLING COMPANY Buffalo, N. Y.							
Rex Gem Laying Mash (734)	21.31	20.00	4.54	3.00	6.17	7.50	-----
REYNOLDS FEED MILLS Tullytown, Pa.							
20% Laying Mash (389)	20.56	20.00	*3.07	4.00	6.87	7.00	-----
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Success Laying Mash (413)	20.75	18.00	3.67	3.00	7.56	9.00	-----
Richards Thrift Laying Mash fortified with Richnu (412)	20.06	20.00	3.83	3.00	7.79	8.50	-----
J. S. RILEY & COMPANY New Castle, Pa.							
Pioneer Laying Mash "Super" (451)	18.50	18.00	4.81	3.00	5.83	8.00	-----
Pioneer Starting Mash (450)	22.50	20.00	5.24	3.00	5.48	8.00	-----
ROARING CREEK MILL Catawissa, Pa.							
Must Gain & Gro Broiler Mash (16)	22.75	20.00	4.79	3.00	3.05	5.00	-----
Must Lay Egg Mash (18)	21.63	20.00	4.30	3.50	5.22	8.00	-----
Must Liv & Gro Chick Starter (15)	21.94	20.00	4.80	3.50	4.84	8.00	-----
ROBERTS FEED MILL Peckville, Pa.							
Rob Rose Starter & Grower (728)	22.44	19.00	4.91	4.00	*6.91	6.00	-----
ROUX FEED MILLS, INC. Sharon, Pa.							
Roux Blue Ribbon Egg Mash (739)	25.31	18.00	2.81	3.00	7.39	8.00	-----
Roux Blue Ribbon Growing Mash (744)	25.63	19.00	3.66	3.00	6.74	8.00	-----
Roux Chick Starter (752)	23.44	24.00	3.88	3.00	5.44	8.00	-----
Roux Egg Mash (738)	25.25	20.00	3.34	3.00	6.61	8.00	-----
Roux Tenderich Broiler Mash (745)	25.56	20.00	3.52	3.00	6.69	8.00	-----
Roux Turkey Starter (749)	29.38	24.00	3.57	3.00	4.35	8.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
S & R FEED COMPANY Quakertown, Pa.								
S & R All Purpose Mash	(387)	20.69	18.00	4.25	3.00	8.23	9.00	-----
S & R Chick Starter	(386)	20.81	20.00	3.97	3.00	5.45	8.00	-----
S & R Growing Mash	(385)	19.81	18.00	4.58	3.00	4.63	8.00	-----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Egg Mash	(479)	20.00	20.00	5.24	3.00	6.67	7.00	-----
SANKEY'S MILL Volant, Pa.								
Sankey's Master Brand Egg Mash	(436)	21.69	20.00	3.27	2.50	5.56	7.00	-----
I. B. SECRIST SONS Millerstown, Pa.								
Secrist Ultra-Lifed 20% Laying Mash	(184)	20.69	20.00	4.23	3.00	5.58	8.00	-----
SHELLY BROTHERS Perkasie, Pa.								
Shelly Brothers Quality Laying Mash	(393)	21.94	20.00	4.70	4.00	8.11	8.00	-----
R. K. SHENK Sheridan, Pa.								
Shenk's Ultra-Lifed 20% Laying Mash	(558)	21.19	20.00	4.33	3.50	4.36	8.00	-----
Shenk's Ultra-Lifed Starter & Broiler Mash	(559)	24.38	23.50	4.01	3.00	3.69	4.00	-----
SHOROLA FEED & GRAIN COMPANY Shohola, Pa.								
Super Egg Producer	(583)	20.75	20.00	4.23	3.50	5.44	6.00	-----
Super Starter Builder	(584)	21.88	20.00	4.41	4.00	4.75	6.00	-----
SKINNERS EDDY COOPERATIVE G.L.F. SERVICE, INC. Skinners Eddy, Pa.								
Growing Mash	(281)	21.50	18.00	4.53	2.50	5.74	8.00	-----
GARD M. SMITH Blain, Pa.								
Blue Ribbon Egg Mash	(182)	19.13	20.00	4.39	3.50	6.10	7.00	-----
SOUTH PERKASIE MILLS Perkasie, Pa.								
White Rose Starter & Grower	(398)	17.63	16.00	3.56	2.00	3.96	7.00	-----
SPENCER MILLING COMPANY Thompson, Pa.								
Spencer Laying Mash	(285)	23.56	20.00	3.68	2.50	6.02	7.00	-----
SPRING GROVE FEED & COAL COMPANY Spring Grove, Pa.								
Sea-Food Egg Breeder Mash	(141)	20.06	19.00	4.33	4.00	7.59	9.00	-----
Sea-Food Grower Mash	(142)	21.00	18.00	4.21	4.00	7.84	9.00	-----
Sea-Food Starter Mash	(140)	19.69	16.00	4.21	4.00	8.23	9.00	-----
Sea-Food Super Mix	(143)	18.06	15.00	4.23	4.00	8.42	9.00	-----
STAHL'S FLOUR & FEED MILL Milton, Pa.								
Stahl's Egg Mash	(497)	16.63	18.00	3.84	4.00	6.36	8.00	-----
Stahl's Starter & Grower	(499)	19.13	17.00	4.60	4.00	4.84	6.00	-----
L. T. STAMMEL Harrisburg, Pa.								
Stammel's Chick Starter	(561)	21.94	20.00	3.52	2.50	4.65	7.00	-----
Stammel's Egg Mash	(563)	19.50	20.00	3.00	2.50	4.74	7.00	-----
Stammel's Growing Mash	(562)	18.06	16.00	3.61	2.50	4.24	7.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
STEARNS MILL Kingsley, Pa.								
Stearns Special Laying Mash	(585)	21.19	18.00	3.96	3.50	7.23	9.00	-----
STEHR BROTHERS Pitman, Pa.								
Stehr's Best Laying Mash	(483)	20.31	20.00	4.79	4.00	6.87	7.50	-----
Stehr's Best Starter-Grower Mash	(484)	21.19	20.00	5.11	4.00	6.09	6.50	-----
Stehr's Special Broiler	(487)	21.44	20.00	6.01	4.50	2.93	3.00	-----
JESSE C. STEWART COMPANY Pittsburgh, Pa.								
Iron City Brand Egg Mash	(59)	21.63	17.50	4.18	4.00	7.22	10.00	-----
Iron City Brand Egg Mash	(671)	21.69	17.50	4.11	4.00	8.47	10.00	-----
Iron City Brand Growing Mash	(57)	20.75	17.00	4.22	4.00	7.74	8.00	-----
Red Letter All Mash Chick Starter & Grower	(670)	20.94	18.00	*4.34	5.00	6.60	6.00	-----
Red Letter Brand Chick Feed	(63)	10.13	10.00	3.06	2.50	4.74	5.00	-----
Red Letter Broiler Mash	(62)	21.50	20.00	4.03	3.50	4.70	6.00	-----
Red Letter Egg Mash	(60)	22.63	20.00	4.16	4.50	8.29	8.00	-----
D. A. STICHELL & SONS, INC. Hagerstown, Md.								
Blue Ridge Egg Mash	(233)	21.94	20.00	4.67	3.50	6.60	6.00	-----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Diamond Chick Starter	(392)	23.44	20.00	4.48	3.50	5.11	7.00	-----
Stover's Diamond Laying Mash	(391)	21.19	20.00	5.21	3.50	6.12	8.00	-----
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Valley 19% Laying Mash	(448)	22.19	19.00	3.31	3.00	7.02	10.00	-----
STUMP & WACKERMAN Quakertown, Pa.								
Stump & Wackerman's Egg Mash	(381)	21.25	20.00	3.44	2.50	5.84	7.00	-----
Stump & Wackerman's Chick Starter	(384)	22.25	20.00	3.72	2.50	6.01	7.00	-----
Stump & Wackerman's Growing Mash	(383)	19.38	17.00	3.75	2.50	5.78	7.00	-----
SWINGLE BROTHERS Lake Ariel, Pa.								
Direct Laying Mash	(581)	19.75	18.00	4.65	4.00	7.04	9.00	-----
THOMPSON & MATEJA New Wilmington, Pa.								
T & M 20% Egg Mash	(432)	21.06	20.00	3.81	2.50	6.90	7.00	-----
T & M Growing Mash	(431)	19.06	17.00	3.89	2.50	6.52	7.00	-----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftee Egg Mash with Milk By- Products & Alfalfa	(88)	21.19	20.00	4.00	3.00	6.62	7.50	-----
Thriftee Racer Mash (Broiler Formula)	(318)	22.44	20.00	3.98	2.50	3.45	4.00	-----
Thriftee Starting Mash	(89)	22.44	20.00	4.03	3.00	4.44	5.00	-----
TIOGA MILLS, INC. Waverly, N. Y.								
Breedertine	(492)	22.31	20.00	4.01	3.00	6.13	6.50	-----
Chicatina	(342)	27.94	25.00	4.24	3.00	4.58	6.50	-----
Egatine	(341)	25.25	23.00	3.34	3.00	6.29	7.00	-----
Egatine	(490)	22.94	23.00	3.62	3.00	5.68	7.00	-----
Tioga Grower	(491)	19.06	18.00	3.57	3.00	5.42	7.00	-----
Turketine	(493)	27.75	26.00	3.71	3.00	5.78	6.50	-----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Limerick Laying Mash	(108)	23.06	18.00	4.47	3.50	7.40	8.00	-----
Real Egg & Breeder Mash	(107)	24.19	20.00	5.97	3.00	7.12	7.00	-----
Real Turkey Growing Mash	(109)	19.25	20.00	4.94	3.00	8.20	8.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VANDERVORT MILLS, INC. Laceyville, Pa.							
Vandervort's Laying Mash (270)	19.50	20.00	4.00	4.00	7.52	8.00	-----
VOLANT MILLS Volent, Pa.							
Volant Mills 15% Developer (435)	17.63	16.00	4.52	4.00	4.89	7.50	-----
Volant Mills 20% Egg Mash (434)	21.56	20.00	4.49	4.00	6.24	7.50	-----
Volant Mills Starting Mash (433)	20.69	18.00	5.02	4.00	5.79	7.00	-----
WAYMART MILLING COMPANY Waymart, Pa.							
Way-Best Laying & Breeding Mash (565)	23.13	20.00	5.62	4.00	5.53	7.00	-----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Banner Egg Mash (118)	22.06	20.00	3.93	3.50	6.19	8.00	-----
Broiler Mash (122)	20.25	21.00	4.17	3.25	3.10	3.80	-----
Growing Mash (119)	19.94	16.00	4.31	4.00	6.24	7.00	-----
Turkey Starter (124)	23.88	24.00	4.50	3.00	6.46	7.00	-----
C. P. WENGER & SONS Ephrata, Pa.							
Wenger's Broiler Mash (160)	25.56	22.00	4.46	4.00	5.87	7.00	-----
Wenger's Chick Starter (172)	20.63	18.00	4.98	4.00	6.94	7.00	-----
Wenger's Growing Mash with Butter-Milk & Meat Meal (170)	22.13	18.00	4.57	3.00	7.70	7.00	-----
Wenger's Hi Protein Starter (161)	27.31	22.00	4.62	4.00	5.90	7.00	-----
Wenger's Laying Mash with Butter-Milk & Meat Meal (162)	23.75	18.00	4.34	3.00	6.06	7.00	-----
Wenger's Laying Mash with Butter-Milk & Meat Meal (169)	23.25	18.00	4.58	3.00	6.96	7.00	-----
Wenger's Poultry Mash (171)	24.88	22.00	4.34	3.00	5.79	7.00	-----
C. E. WOOLEVER Catawissa, Pa.							
Millgrove Chief Egg Mash 18% (19)	19.19	18.00	3.42	2.50	5.65	7.00	-----
Millgrove Chief Egg Mash 20% (20)	21.44	20.00	3.41	2.50	5.96	7.00	-----
Millgrove Chief Growing Mash (22)	19.19	16.00	3.91	2.50	4.78	7.00	-----
WOODBURY MILLING COMPANY Woodbury, Pa.							
Crown Growing Mash (551)	18.44	16.00	3.58	3.50	6.48	7.50	-----
Crown 16% Laying Mash (549)	18.25	16.00	3.59	3.25	6.47	8.00	-----
Crown 20% Laying Mash (550)	18.31	20.00	3.88	3.50	7.10	8.00	-----
Crown Starting Mash (553)	17.94	18.00	3.81	3.00	6.76	8.00	-----
YARDLEY MILL J. A. CADWALLADER Yardley, Pa.							
Afton Egg Mash (295)	21.63	20.00	4.36	2.50	5.52	7.00	-----
Afton Grower (296)	19.50	16.00	3.61	2.50	4.67	7.00	-----
Afton Starter (297)	21.50	18.00	3.86	2.50	5.71	7.00	-----
F. S. YOST'S SON Pleasant Valley, Pa.							
Yost's 18% Egg Mash (629)	20.63	18.00	3.56	3.00	6.63	8.00	-----
Yost's S.P. Mash (628)	18.56	18.00	4.31	4.00	6.61	7.00	-----
ZEIGLER BROTHERS Gettysburg, Pa.							
Conewago 20% Laying Mash (139)	21.50	20.00	4.79	4.50	6.52	6.50	-----
Conewago Starter & Growing Mash (138)	20.81	19.00	4.48	4.50	*8.02	6.50	-----
Average	21.11	----	4.10	----	6.01	----	
* Deficient							

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MILK PRODUCTS</u>							
<u>Dried Buttermilk</u>							
M. E. FRANKS New York, N. Y.							
Franks Buttermilk (51)	8.15	----	1.87	----	*25.55	----	-----
Average	8.15	----	1.87	----	25.55	----	
<u>Dried Skimmed Milk</u>							
CENTER MILK PRODUCTS COMPANY Middlebury Center, Pa.							
Center Dried Skim Milk (336)	33.94	33.00	0.66	0.50	----	----	-----
Center Dried Skim Milk (337)	33.88	33.00	0.78	0.50	----	----	-----
CROWLEY'S MILK, INC. Binghamton, N. Y.							
Powdered Skimmilk (86)	32.88	30.00	1.49	0.25	0.12	0.05	-----
Average	33.85	----	0.98	----	0.12	----	
<u>MISCELLANEOUS FEED</u>							
DR. GEO. C. MELODY Greensburg, Pa.							
Dr. Melody's Mineral Tonic (777)	*1.31	12.05	*0.80	1.05	8.45	8.03	-----
Average	1.31	----	0.80	----	8.45	----	
<u>OIL CAKE BY-PRODUCTS</u>							
<u>Coconut Oil Meal</u>							
THE WOOSTER FEED MANUFACTURING CO. Wooster, Ohio							
Candied Copra (779)	11.31	9.00	1.68	1.50	4.67	6.00	-----
Average	11.31	----	1.68	----	4.67	----	
<u>Cottonseed Oil Meal</u>							
SOUTHERN COTTON OIL COMPANY Wilson, N. C.							
Geo-Co 36% Protein Cottonseed Meal (73)	35.94	36.00	5.04	4.50	13.90	16.00	-----
Average	35.94	----	5.04	----	13.90	----	
<u>Soybean Oil Meal</u>							
BISBEE LINSEED COMPANY Philadelphia, Pa.							
41% Protein Expeller Soybean Oil Meal (75)	47.81	41.00	4.01	3.50	5.77	7.00	-----
SPENCER KELLOG & SONS, INC. Buffalo, N. Y.							
Spencer Kellog 44% Protein Toasted Soy Bean Meal (204)	51.00	44.00	0.72	0.50	4.86	7.00	-----
A. E. STALEY MANUFACTURING COMPANY Decatur, Ill.							
Staley's 44% Protein Soybean Oil Meal (196)	47.69	44.00	0.83	0.50	5.01	7.00	-----
Average	48.83	----	1.85	----	5.22	----	
* Deficient							
** - Total Solids							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>POULTRY CONCENTRATES</u>							
DEWALD'S MILL Bloomsburg, Pa.							
Blue Ribbon Supplement Mesh (4)	42.38	40.00	6.97	4.00	5.03	9.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rose 36% Supplement Mash (757)	36.31	36.00	4.48	3.50	7.71	8.00	-----
THE GLIDDEN COMPANY Indianapolis, Ind.							
Glidden 32% Chick Concentrate (416)	35.81	32.00	2.12	2.00	6.68	7.00	-----
Glidden 34% Mesh Concentrate (419)	33.75	34.00	2.16	2.00	8.80	8.00	-----
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Mester Mix Chick Concentrate with Methio-Vite (53)	36.69	33.00	3.37	1.50	6.91	9.00	-----
Master Mix Chick Concentrate with Methio-Vite (218)	36.31	33.00	3.08	1.50	6.69	9.00	-----
Master Mix Laying Mash Concentrate (217)	37.13	34.00	2.77	1.50	7.60	9.00	-----
ROUX FEED MILLS, INC. Sharon, Pa.							
Roux 32% Supplement Egg Mash (746)	31.69	32.00	4.79	4.00	5.88	7.00	-----
ULTRA LIFE LABORATORIES East St. Louis, Ill.							
Ultre Life Poultry Gro Concentrate (81)	26.31	23.00	7.11	4.00	5.57	7.00	-----
Average	35.16	----	4.09	----	8.55	----	
<u>SCRATCH FEED</u>							
BENTON ROLLER MILLS Benton, Pa.							
Scratch Grains (506)	9.25	10.00	2.77	3.00	2.91	8.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
Scratch with Cracked Corn (767)	10.31	9.00	3.28	2.50	3.27	4.50	-----
Scratch with Whole Corn (768)	9.94	9.00	3.64	2.50	2.66	4.50	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rose Chick Grains (684)	10.94	10.00	2.53	2.50	1.70	3.00	-----
E. J. HOUCK & SON Bangor, Pa.							
Scratch Grains (353)	9.13	9.50	2.74	2.20	2.97	3.00	-----
KREIDER MILLS Lebanon, Pa.							
Coarse Scratch (593)	11.25	10.00	3.00	2.50	2.79	4.00	-----
STEHR BROTHERS Pitman, Pa.							
Stehr's Scratch Feed (485)	*9.38	10.50	3.56	3.00	2.87	3.50	-----
Average	10.30	----	3.17	----	2.74	----	
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>SMALL ANIMAL FEED</u>							
AMERICAN CRAB MEAT COMPANY, INC. Boston, Mass.							
3 Little Kittens Cat Food (428)	17.38	17.80	0.58	0.50	0.10	1.00	-----
ATLAS CANNING COMPANY, INC. Glendale, L.I., N.Y.							
Rex Dog Food (782)	7.75	8.00	3.10	1.50	1.42	1.50	-----
B.H.M. PACKING CORPORATION Atco, N. J.							
B.H.M. Choice Ground Frozen Horsemeat (707)	19.47	18.00	13.28	2.50	0.30	0.50	-----
B.H.M. Frozen Horse Hearts & Livers (711)	21.70	18.00	2.82	2.50	0.18	0.50	-----
B.H.M. 100% Horsemeat (Ready Cooked) (292)	19.63	13.00	2.47	2.50	0.12	0.50	-----
BROCKDALE, INCORPORATED Columbus, Ohio							
Brockdale Feed for Dogs-Cats (All Beef) (714)	*13.27	16.00	6.22	4.00	0.35	1.50	-----
COAST FISHING COMPANY Wilmington, Calif.							
Puss 'N Boots Cat Food (294)	13.57	12.00	8.16	3.00	0.61	1.00	-----
Puss 'N Boots Cat Food (429)	13.60	12.00	6.32	3.00	0.81	1.00	-----
Puss 'N Boots Cat Food (775)	12.41	12.00	2.95	3.00	0.84	1.00	-----
CUGLEY'S PET SROP Upper Darby, Pa.							
Quick Frozen Horsemeat - H (700)	20.48	---	1.84	---	0.10	---	-----
Quick Frozen Horsemeat - K (698)	16.45	---	1.91	---	0.10	---	-----
Quick Frozen Horsemeat - L (699)	22.22	---	2.69	---	0.12	---	-----
DEEP RUN PACKING COMPANY Dublin, Pa.							
Hill Billy (712)	11.77	10.00	3.53	3.00	0.61	1.50	-----
Hill Billy (773)	10.95	10.00	6.08	3.00	1.40	1.50	-----
DOYLE PACKING COMPANY, INC. Long Branch, N. J.							
Felix Cat Food (772)	8.78	8.00	4.23	2.00	1.07	1.50	-----
Strongheart Rations (427)	8.66	8.00	*1.34	2.00	1.08	1.50	-----
Strongheart Rations (774)	8.51	8.00	4.15	2.00	1.08	1.50	-----
ELNA PRODUCTS, INCORPORATED (Distributor) Chicago, Ill.							
Dog Club (787)	9.64	8.00	0.98	1.00	1.00	1.50	-----
FLORY MILLING COMPANY, INC. Bangor, Pa.							
Flory Rabbit Pellets (356)	18.38	17.00	2.87	2.50	16.70	17.00	-----
FOSTER CANNING COMPANY, INC. Glendale, L. I., N. Y.							
Snappy Dog Food (783)	10.39	9.00	0.96	1.00	0.98	1.50	-----
HARRIS FUR FARM McDonald, Pa.							
Chunk Horsemeat (785)	23.84	18.97	*2.55	7.11	0.15	0.27	-----
Horse Livers (786)	22.36	---	3.37	---	0.15	---	-----
HILL PACKING COMPANY Topeka, Kan.							
Hill's Chopped Frozen Horsemeat for Dogs & Cats (705)	21.80	18.00	*3.08	4.00	0.35	1.00	-----
Hill's Straight Packed Brand Horsemeat Product (701)	16.34	17.00	5.26	4.00	0.36	0.50	-----
Sky-Hy Dog Food (703)	11.93	12.00	3.16	3.00	0.44	1.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME			PROTEIN		FAT		FIBER		COMPOSITION
			Found	Guar.	Found	Guar.	Found	Guar.	
			P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
K-9	K-9 DOG FOOD COMPANY Vineland, N. J.	(706)	17.59	15.00	15.90	10.00	1.36	----	-----
	KENNEL FOOD SUPPLY COMPANY Feirfield, Conn.								
K-F-S	Special Brand Dog Food	(720)	13.69	14.00	7.57	5.00	0.21	2.50	-----
	MARTEL'S SELF SERVICE Swerthmore, Pe.								
Martel's	Dog & Cat Food	(2)	*6.30	10.00	*1.47	2.00	*2.31	1.00	-----
	DR. GEO. C. MELODY Greensburg, Pe.								
Dr. Melody's	Dog Food	(721)	19.13	18.00	3.63	1.50	1.94	6.50	-----
Dr. Melody's	Dog Food	(736)	16.63	18.00	3.60	1.50	1.70	6.50	-----
Dr. Melody's	Dog Food (Granular)	(735)	18.06	8.00	3.84	1.00	2.79	8.00	-----
Dr. Melody's	Dog Food (Granular)	(781)	10.49	8.00	3.91	1.00	1.06	1.50	-----
Pure Horsemeat	with Natural Juices Dog Food	(776)	11.79	14.00	26.50	0.50	0.43	3.00	-----
	MID WEST MEAT PACKERS Columbus, Ohio								
Mid West	Chopped Horsemeat	(697)	20.10	19.31	8.13	5.74	0.23	0.24	-----
	ALBERT MILLS Philadelphia, Pa.								
Albert Mills	All Meat Dog Food	(710)	16.23	17.00	5.37	5.00	0.20	0.25	-----
	PACKER PRODUCTS COMPANY Philadelphia, Pe.								
Beefy		(1)	7.06	6.50	*0.88	2.00	0.62	1.00	-----
	PRESTON PACKING COMPANY Mt. Pleasant, Pe.								
Chopped	Horsemeat	(784)	22.39	17.00	*4.91	8.00	0.12	0.50	-----
	THE QUAKER OATS COMPANY Chicago, Ill.								
Mero Brand	Dog Food	(293)	17.11	15.00	8.55	2.00	0.16	1.00	-----
	RUDHARD PRODUCTS, INC. Buffalo, N. Y.								
Rudherd's	Ready Baked Fish Balls for Cats	(426)	31.06	30.00	8.53	3.00	1.02	3.00	-----
	SASSY DOG & CAT FOOD COMPANY Long Beach, Cal.								
Sassy Brand	Cat Food	(719)	*6.12	7.50	3.03	2.00	0.17	1.00	-----
	SMITHSTONE KENNEL SUPPLY COMPANY Dublin, Pa.								
Smithstone	Quick Frozen Horsemeat	(708)	22.52	---	2.84	---	0.10	---	-----
Smithstone	Quick Frozen Horsemeat	(713)	23.32	18.00	4.37	3.00	0.14	0.02	-----
Smithstone	Quick Frozen Horsemeat -L	(709)	22.95	---	3.74	---	0.11	---	-----
	UNIVERSAL CANNING COMPANY, INC. Philadelphia, Pe.								
Tippie	Dog Food	(430)	23.11	18.00	12.47	2.50	0.17	1.00	-----
	VITAMONT SALES COMPANY Butte, Mont.								
Vitamont	Blue Ribbon Dog Food	(591)	11.66	10.00	7.37	2.00	0.35	1.00	-----
	WILMINGTON PROVISION COMPANY Wilmington, Del.								
Brandywine	Dog & Cat Food	(590)	7.67	8.00	2.24	2.00	1.05	1.50	-----
Average			15.79	----	5.06	----	1.01	----	

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>SWINE CONCENTRATES</u>							
A. J. BALSHI Catawissa, Pa.							
Must Liv & Gro Pig & Hog Concentrate (11)	36.38	36.00	5.35	3.00	*9.23	6.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
Hog Supplement (533)	40.00	36.00	3.92	3.50	7.12	9.00	-----
KREIDER MILLS Lebanon, Pa.							
Kreider Mills Markitop Hog Concentrate (600)	33.44	30.00	5.47	1.50	3.75	5.50	-----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B H Pig & Hog Concentrate (376)	41.50	40.00	5.43	2.50	4.80	7.00	-----
MC MILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix 40% Hog Concentrate (219)	39.94	40.00	3.30	2.00	5.84	8.00	-----
Master Mix Sow & Pig Concentrate with Methio-Vite (49)	37.69	35.00	2.50	1.50	7.20	9.00	-----
Master Mix Sow & Pig Concentrate with Methio-Vite (216)	38.25	35.00	2.15	1.50	6.96	9.00	-----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSN. Souderton, Pa.							
P.F.B. Porkmaker 40% (303)	39.75	40.00	2.90	3.00	5.42	7.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.							
P.F.B. 35% Porkmaker (131)	40.69	35.00	*2.31	3.00	6.76	8.50	-----
P.F.B. 40% Porkmaker (87)	45.81	40.00	3.19	3.00	6.28	9.00	-----
P.F.B. 40% Porkmaker (258)	44.88	40.00	*2.52	3.00	6.51	9.00	-----
ROUX FEED MILLS, INC. Sharon, Pa.							
Roux Homegrain Supplement for Hogs (748)	38.81	40.00	*4.43	5.00	6.35	6.50	-----
JESSE C. STEWART COMPANY Pittsburgh, Pa.							
Red Letter 36% Hog Supplement (56)	36.00	36.00	4.05	4.50	7.65	8.00	-----
TIOGA MILLS, INC. Waverly, N. Y.							
Tioga Hog Supplement (494)	37.94	36.00	3.44	3.00	7.53	8.00	-----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Hog Supplement (121)	43.06	34.00	5.40	4.00	4.67	9.00	-----
H. R. WENTZEL SONS Landisburg, Pa.							
Perry Hog Concentrate 40% (179)	38.00	40.00	5.34	4.00	4.89	8.00	-----
Average	39.51	----	3.79	----	6.31	----	
<u>SWINE FEED</u>							
ABERDEEN MILLS Elizabethtown, Pa.							
Aberdeen Pig & Hog Feed (601)	19.19	16.00	3.87	4.00	7.01	8.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ALLIED MILLS, INC. Chicago, Ill.								
Wayne Pig Starter	(25)	20.00	18.00	5.19	3.00	4.11	6.00	-----
Wayne Pork Maker	(421)	14.19	14.00	4.21	3.00	6.99	8.00	-----
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(112)	15.38	15.00	4.06	3.00	5.69	8.00	-----
A. J. BALSHI Catawissa, Pa.								
Must Gro Pig & Hog Feed	(13)	14.31	15.00	3.45	3.00	4.51	8.00	-----
D. G. BAMFORD MILLING COMPANY Midway, Pa.								
Bamford's Hog Feed with Yeast	(199)	19.75	15.00	3.86	4.00	*6.89	4.50	-----
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Pig & Hog Meal	(539)	15.06	16.00	3.27	3.00	9.03	9.00	-----
BERKS COUNTY COOPERATIVE ASSN. Temple, Pa.								
14% Pig Feed	(68)	18.44	14.00	3.98	3.00	7.03	8.00	-----
17% Pig Starter	(69)	19.94	17.00	4.28	3.00	7.05	8.00	-----
BEST FEEDS & FARM SUPPLIES, INC. Washington, Pa.								
Best Feeds Hog Feed	(406)	14.56	15.00	2.72	3.00	5.67	8.00	-----
F. P. CASSEL'S SON Lansdale, Pa.								
Dependable Pig & Hog Meal	(642)	17.06	15.00	4.54	3.50	5.93	10.00	-----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Kernie's 16% Hog Feed	(10)	17.31	16.00	4.81	3.50	7.69	10.00	-----
CHESTER COUNTY MILLS, INC. West Chester, Pa.								
Pig & Hog Builder	(158)	17.75	18.00	3.46	3.50	7.36	7.50	-----
CITY FLOURING MILLS, INC. Muncy, Pa.								
Muncy Hog Feed	(527)	15.81	16.00	4.58	3.00	3.39	7.00	-----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.								
G.L.F. Hog Feed	(343)	19.06	17.00	4.64	3.50	6.04	8.00	-----
CUMBERLAND VALLEY COOPERATIVE ASSN. Mechanicsburg, Pa.								
Acorn Hog Feed	(191)	13.13	12.00	3.21	3.00	8.89	12.00	-----
DAVIS FEED MILL Rushland, Pa.								
Davis Pig Feed	(315)	19.50	15.00	4.01	3.50	7.55	7.00	-----
DEWALD'S MILL Bloomsburg, Pa.								
Blue Ribbon Pig & Hog Meal	(3)	17.63	16.00	4.55	3.50	6.13	8.00	-----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Pork Builder	(536)	16.69	15.00	3.92	3.00	3.96	5.50	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. N. EPPINGER & SON New Bedford, Pa.							
Eppinger's Pig & Hog Meal (442)	17.13	16.00	3.71	4.00	7.14	7.50	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Eshelman Red Rose Pig & Hog Meal (682)	19.00	18.00	4.57	3.50	7.62	10.00	-----
FACTORYVILLE MILLING COMPANY Factoryville, Pa.							
Miracle Pig & Hog Feed (289)	17.19	16.50	4.06	4.00	6.66	7.00	-----
FARMERS THRIFT MILL OF DURHAM, INC. Durham, Pa.							
Riegel's Hi-Quality Pig & Sow Feed (635)	16.69	16.00	3.73	2.50	5.69	8.00	-----
D. A. FEDDER Orangeville, Pa.							
Fedder's Rog Fattener (509)	14.81	15.00	3.53	2.50	6.49	8.00	-----
S. FOUGHT & SON Hughesville, Pa.							
Fought's Penn State Hog & Pig Ration (531)	16.00	17.00	3.34	3.00	3.93	6.50	-----
G & M MILLING COMPANY West Wyoming, Pa.							
G & M Pig & Hog Feed (472)	17.25	15.00	4.73	4.00	6.96	7.00	-----
S. H. GOSS Lewistown, Pa.							
Mt. Rock Hog Feed (175)	13.88	15.00	3.33	3.00	7.44	10.00	-----
GREEN CREEK ROLLER MILLS Orangeville, Pa.							
Blue Ribbon Pig Meal (515)	*15.94	18.00	3.25	3.00	6.25	8.00	-----
GREENE COUNTY FARMERS EXCHANGE Waynesburg, Pa.							
Economy Hog Meal (213)	13.75	12.50	*2.95	4.00	9.17	9.50	-----
Economy Rog Meal (722)	12.25	12.50	*2.53	4.00	9.96	9.50	-----
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Gold Seal Rog Feed (36)	16.38	16.00	4.93	3.00	6.42	9.00	-----
HARPER FEED MILLS, INC. Washington, Pa.							
Harco Pig & Hog Meal (409)	19.00	16.00	4.93	3.00	6.83	7.50	-----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.							
Perfection Hog Feed (639)	16.75	16.00	3.19	2.00	7.70	7.00	-----
HESPENHEIDE & THOMPSON York, Pa.							
Premier Pig & Rog Meal (368)	19.69	17.00	4.50	3.00	5.87	9.00	-----
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett's Prepared Hog Feed (674)	19.31	18.00	4.33	3.50	8.78	9.00	-----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Pig Feed (274)	16.75	16.00	5.09	4.00	6.94	9.00	-----
D. E. HORN & COMPANY York, Pa.							
Horn's Blue Streak Pig & Hog Meal (225)	18.50	16.00	3.79	3.00	6.63	12.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
E. J. HOUCK & SON Bangor, Pa.								
Eagle Brand Pig Feed	(350)	17.81	18.50	4.32	4.50	5.31	6.00	-----
HUNTSINGER'S MILL Hegins, Pa.								
Quality Hog Feed	(478)	17.88	18.00	5.77	4.00	6.69	8.00	-----
Quality Pig Starter	(474)	18.38	20.00	4.86	4.00	5.69	7.00	-----
J. B. KELLEY Washingtonville, Pa.								
Kelley's Hog Feed	(502)	17.00	15.00	4.68	3.50	7.52	10.00	-----
KREIDER MILLS Lebanon, Pa.								
Kreider Mills Markitop All-In-One Hog Ration	(597)	15.50	15.00	3.62	3.00	5.21	8.00	-----
MANDATA ROLLER MILLS Herndon, Pa.								
Wendt's Pig & Hog Meal	(488)	17.25	16.00	4.79	4.00	5.53	8.00	-----
MARTINSBURG MILLING COMPANY, INC. Martinsburg, Pa.								
Champion Hog Meal	(548)	17.19	15.00	4.94	2.50	*7.39	6.50	-----
MAUSER MILL COMPANY Palmerton, Pa.								
Mauser's Mixed Hog Feed	(366)	17.06	16.00	4.27	3.00	6.28	9.00	-----
Mauser's Pig Meal	(82)	14.88	15.00	4.38	4.00	4.13	8.00	-----
MIFFLINVILLE FLOUR MILL Mifflinville, Pa.								
Columbia Pig Meal	(518)	15.63	17.00	3.79	2.00	6.47	7.00	-----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
A-1 Pig Grower	(464)	*16.38	19.00	5.38	3.50	*8.27	6.00	-----
Superior Hog Ration	(457)	18.69	14.00	5.44	4.00	6.96	9.00	-----
EDGAR W. MUTH Springtown, Pa.								
Muth's Pig Meal	(630)	12.81	14.00	3.21	3.50	4.81	7.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.								
P.F.B. 16% Porkmaker	(259)	17.13	16.00	3.36	2.50	5.24	7.00	-----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.								
Pine Run Hog Feed	(96)	19.63	14.00	4.41	3.50	7.91	10.00	-----
PRIMEX MILLS Glenside, Pa.								
Primex Pig 'N Hog	(300)	17.06	16.00	3.62	4.00	*7.31	6.00	-----
RED ROLLER MILLS Bloomsburg, Pa.								
Beatsall Pig Grower	(29)	17.19	16.00	4.23	4.00	6.60	6.00	-----
W. A. REED COMPANY Paxinos, Pa.								
Shamrock Hog Feed	(44)	17.75	13.00	3.17	2.00	6.29	6.00	-----
C. C. REFLOGLE Woodbury, Pa.								
Replogle's Pig & Hog Meal	(555)	16.06	14.00	3.72	3.50	4.71	6.00	-----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ROUX FEED MILLS, INC. Sharon, Pa.							
Roux Porkmaster Hog Meal (741)	25.63	18.00	2.86	3.00	6.78	10.00	-----
Roux Rush-am Pig Starter (747)	23.38	22.00	3.72	4.00	4.96	6.00	-----
S & R FEED COMPANY Quakertown, Pa.							
S & R Hog Feed (388)	16.38	14.00	4.40	3.00	5.42	8.00	-----
SACRAMENTO ROLLER MILLS Sacramento, Pe.							
Secromill Hog Feed (481)	16.50	17.00	4.93	3.00	6.28	7.00	-----
SHELLY BROTHERS Perkasie, Pe.							
Shelly Brothers Quality Pig Feed (394)	17.44	16.50	3.86	4.00	6.14	6.00	-----
SPRING GROVE FEED & COAL COMPANY Spring Grove, Pa.							
Top This Pig & Hog Feed (144)	19.38	16.00	4.18	3.50	6.58	10.00	-----
STAHL'S FLOUR & FEED MILL Milton, Pa.							
Stahl's Pig Maal (498)	19.06	18.00	4.15	3.50	*6.13	5.00	-----
L. T. STAMMEL Harrisburg, Pe.							
Stammal's Pig Feed (564)	15.75	17.50	*2.69	3.50	4.07	7.00	-----
STEHR BROTHERS Pitman, Pe.							
Stehr's Hog Meal (486)	18.25	19.00	4.12	3.50	7.21	8.00	-----
JESSE C. STEWART COMPANY Pittsburgh, Pe.							
Iron City Brand Hog Feed (58)	16.31	14.50	3.73	3.00	9.59	12.00	-----
STUMP & WACKERMAN Quakertown, Pe.							
Stump & Wackerman's Sow & Pig Feed (382)	17.19	16.00	3.69	2.50	6.37	7.00	-----
THRIFT FEED MILLS, INC. Doylestown, Pe.							
Thriftee Hog Feed (90)	18.56	17.00	3.92	3.50	6.60	8.00	-----
WAYMART MILLING COMPANY Waymert, Pa.							
Way-Bast Sow & Pig Feed (568)	22.25	20.00	5.00	4.00	4.87	7.00	-----
C. P. WENGER & SONS Ephrata, Pe.							
Wenger's Hog Feed (168)	19.31	16.00	4.88	4.00	6.42	7.00	-----
WOODBURY MILLING COMPANY Woodbury, Pe.							
"EetMor" Pig & Hog Ration (552)	15.13	14.00	3.19	3.00	9.66	10.00	-----
YARDLEY MILL J. A. CADWALLADER Yardley, Pe.							
Afton Pig Grower (298)	19.63	15.00	2.86	2.50	7.40	8.00	-----
F. S. YOST'S SON Pleasant Valley, Pa.							
Yost's Pig Feed (626)	18.25	16.00	3.93	4.00	5.41	8.00	-----
Average	17.32	----	4.04	----	6.51	----	
* Deficient							

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
C. C. REPLOGLE Woodburg, Pa.							
Winter Wheat Bran (554)	*12.50	15.00	2.81	3.00	8.13	11.00	-----
SOUTH PERKASIE MILLS Perkasie, Pa.							
Wheat Bran (397)	15.13	13.00	3.56	3.00	7.88	10.00	-----
Average	13.84	----	3.19	----	8.01	----	
<u>Wheat Middlings</u>							
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Wheat Middlings (542)	13.44	13.00	3.43	2.50	4.12	6.00	-----
C. C. REPLOGLE Woodbury, Pa.							
Winter Wheat Middlings (556)	*12.69	15.00	3.41	3.50	3.09	11.00	-----
RUSSELL-MILLER MILLING COMPANY Minneapolis, Minn.							
Alta Hard Wheat Middlings (234)	16.81	15.00	5.27	4.50	7.19	8.50	-----
SOUTH PERKASIE MILLS Perkasie, Pa.							
Wheat Middlings (396)	11.94	13.00	*2.26	3.00	1.44	6.00	-----
Average	13.72	----	3.74	----	3.96	----	

* Deficient

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MANUFACTURER AND BRAND NAME	Found		Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.
<u>MINERAL FEED</u> LIMESTONE PRODUCTS CORPORATION OF AMERICA Newton, N. J.				
"Lime Crest" Calcite Flour (589)	34.17	33.00	2.60	1.77